

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103024\
 Data File : VN084583.D
 Acq On : 30 Oct 2024 22:10
 Operator : JC\MD
 Sample : VN1030WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 04:56:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	164354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	120109	50.597	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.200%
35) Dibromofluoromethane	8.159	113	94112	47.743	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.480%
50) Toluene-d8	10.565	98	334104	46.011	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.847	95	123912	45.660	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.119	85	42581	22.537	ug/l	97
3) Chloromethane	2.360	50	56597	24.230	ug/l	97
4) Vinyl Chloride	2.513	62	51817	25.499	ug/l	100
5) Bromomethane	2.901	94	26378	24.499	ug/l	100
6) Chloroethane	3.077	64	33665	26.096	ug/l	97
7) Trichlorofluoromethane	3.471	101	78573	23.472	ug/l	98
8) Diethyl Ether	3.960	74	30265	25.630	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.360	101	40320	21.316	ug/l	99
10) Methyl Iodide	4.583	142	65511	25.914	ug/l	99
11) Tert butyl alcohol	5.530	59	36469	116.388	ug/l	99
12) 1,1-Dichloroethene	4.324	96	43558	23.273	ug/l	94
13) Acrolein	4.183	56	24984	79.961	ug/l	96
14) Allyl chloride	5.012	41	76046	25.054	ug/l	92
15) Acrylonitrile	5.718	53	115588	127.426	ug/l	100
16) Acetone	4.430	43	90560	130.707	ug/l	97
17) Carbon Disulfide	4.701	76	131714	22.852	ug/l	98
18) Methyl Acetate	5.018	43	62949	22.973	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	151075	26.335	ug/l	98
20) Methylene Chloride	5.265	84	54483	26.096	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	47719	24.830	ug/l	96
22) Diisopropyl ether	6.671	45	167318	27.742	ug/l	98
23) Vinyl Acetate	6.601	43	554091	133.220	ug/l	97
24) 1,1-Dichloroethane	6.565	63	93182	25.734	ug/l	99
25) 2-Butanone	7.483	43	143552	129.622	ug/l	100
26) 2,2-Dichloropropane	7.483	77	61793	19.607	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	58663	26.141	ug/l	95
28) Bromochloromethane	7.806	49	32326	22.407	ug/l	96
29) Tetrahydrofuran	7.836	42	96493	131.335	ug/l	100
30) Chloroform	7.965	83	98258	26.660	ug/l	99
31) Cyclohexane	8.253	56	66635	20.332	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	83493	24.890	ug/l	98
36) 1,1-Dichloropropene	8.365	75	60919	22.283	ug/l	99
37) Ethyl Acetate	7.559	43	60855	24.534	ug/l	99
38) Carbon Tetrachloride	8.359	117	68981	22.574	ug/l	94
39) Methylcyclohexane	9.595	83	54733	19.680	ug/l	95
40) Benzene	8.600	78	211230	24.059	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35965	26.963	ug/l	97
42) 1,2-Dichloroethane	8.665	62	72252	25.411	ug/l	98
43) Isopropyl Acetate	8.689	43	108342	23.124	ug/l	98
44) Trichloroethene	9.353	130	45839	22.639	ug/l	99
45) 1,2-Dichloropropane	9.618	63	51152	24.837	ug/l	98
46) Dibromomethane	9.706	93	36196	24.906	ug/l	97
47) Bromodichloromethane	9.889	83	75413	24.617	ug/l #	97
48) Methyl methacrylate	9.677	41	48143	24.939	ug/l	98
49) 1,4-Dioxane	9.694	88	17123	500.547	ug/l	94
51) 4-Methyl-2-Pentanone	10.442	43	296378	125.341	ug/l	99
52) Toluene	10.630	92	124536	24.253	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	72322	22.807	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	78371	23.352	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	47580	24.599	ug/l	97
56) Ethyl methacrylate	10.871	69	73499	26.271	ug/l	99
57) 1,3-Dichloropropane	11.159	76	82140	24.744	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	141505	108.088	ug/l	98
59) 2-Hexanone	11.194	43	215344	125.117	ug/l	100
60) Dibromochloromethane	11.359	129	56203	25.496	ug/l	97
61) 1,2-Dibromoethane	11.471	107	48681	24.578	ug/l	99
64) Tetrachloroethene	11.100	164	39513	23.303	ug/l	90
65) Chlorobenzene	11.888	112	132867	23.298	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	48991	24.697	ug/l	97
67) Ethyl Benzene	11.965	91	214916	22.576	ug/l	100
68) m/p-Xylenes	12.071	106	168971	46.884	ug/l	98
69) o-Xylene	12.394	106	81955	24.308	ug/l	99
70) Styrene	12.412	104	142048	24.152	ug/l	97
71) Bromoform	12.577	173	36263	24.294	ug/l #	99
73) Isopropylbenzene	12.694	105	191024	22.190	ug/l	100
74) N-amyl acetate	12.494	43	89457	24.416	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67873	23.621	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	87956	35.820	ug/l	59
77) Bromobenzene	12.977	156	53598	23.161	ug/l	95
78) n-propylbenzene	13.035	91	222840	22.091	ug/l	98
79) 2-Chlorotoluene	13.124	91	151685	23.013	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	167212	23.436	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22982	22.204	ug/l	96
82) 4-Chlorotoluene	13.218	91	151677	21.866	ug/l	98
83) tert-Butylbenzene	13.435	119	130937	22.174	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	174786	23.736	ug/l	98
85) sec-Butylbenzene	13.612	105	177601	21.292	ug/l	100
86) p-Isopropyltoluene	13.730	119	150919	22.062	ug/l	98
87) 1,3-Dichlorobenzene	13.730	146	95102	21.057	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	94930	22.262	ug/l	99
89) n-Butylbenzene	14.053	91	122126	19.085	ug/l	99
90) Hexachloroethane	14.329	117	30295	19.859	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	97188	22.394	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	13360	22.951	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	45896	19.321	ug/l	100
94) Hexachlorobutadiene	15.500	225	18599	17.829	ug/l	98
95) Naphthalene	15.641	128	151536	21.313	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	46341	20.097	ug/l	98

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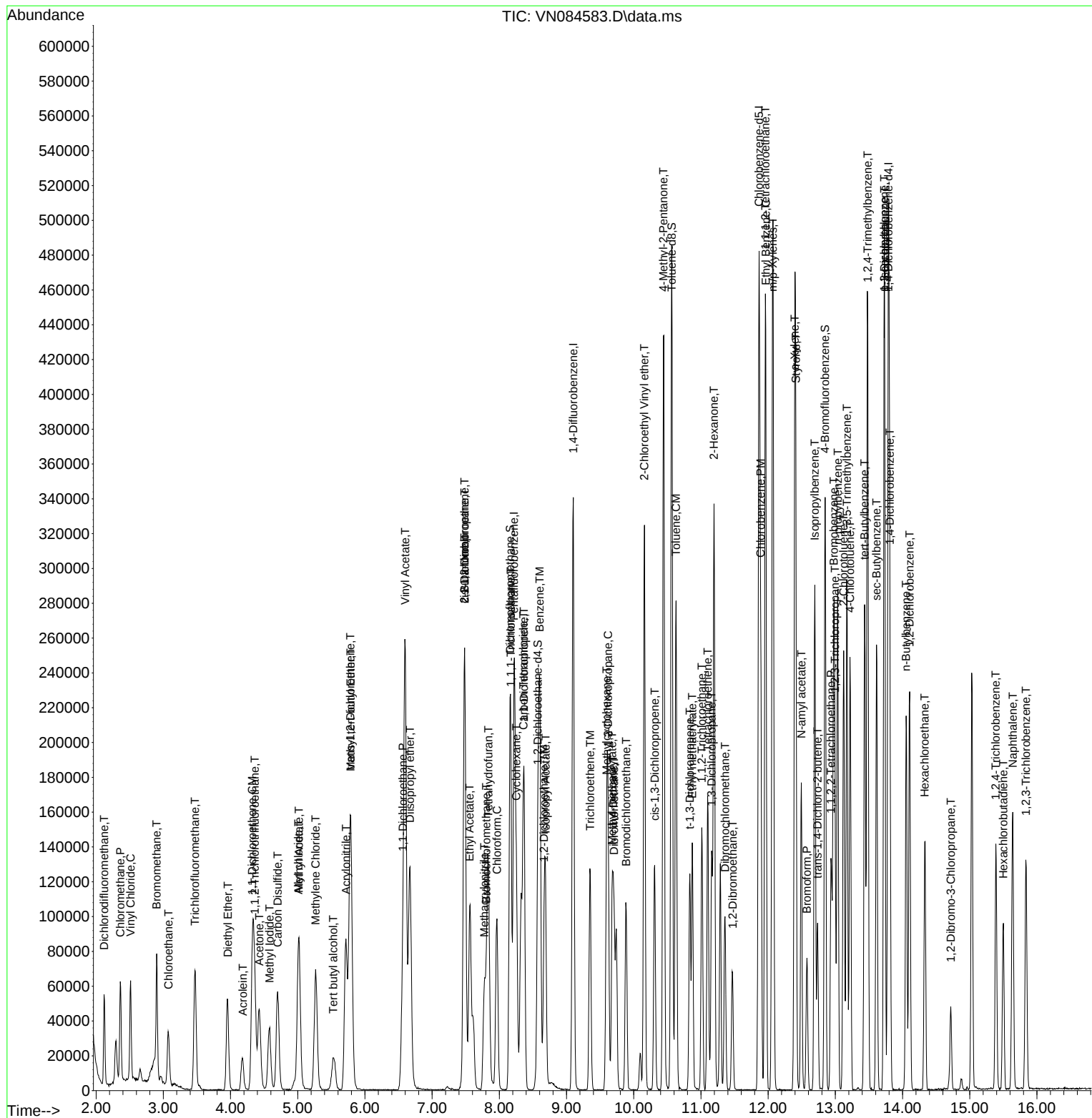
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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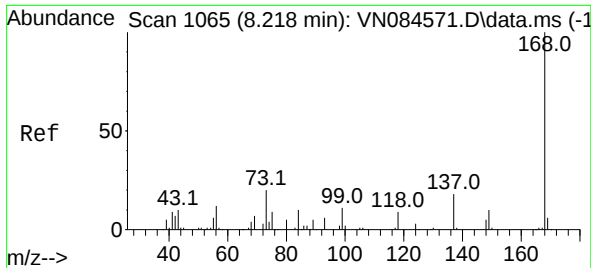
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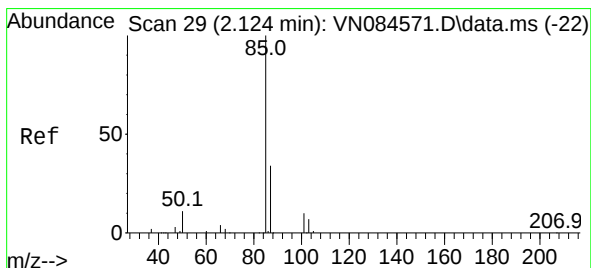
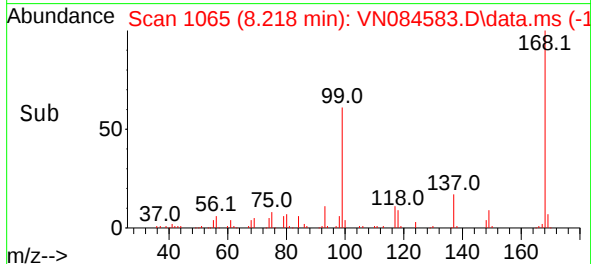
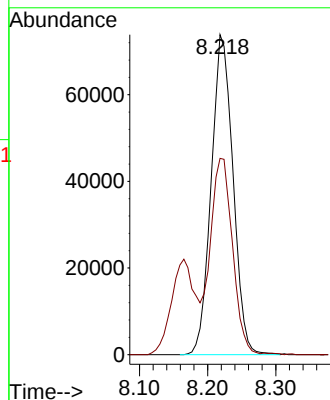
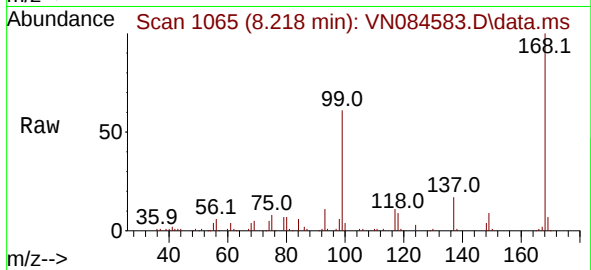




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN084583.D
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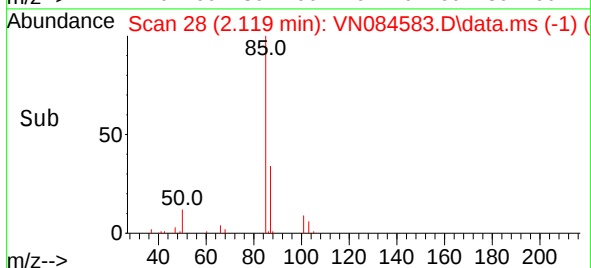
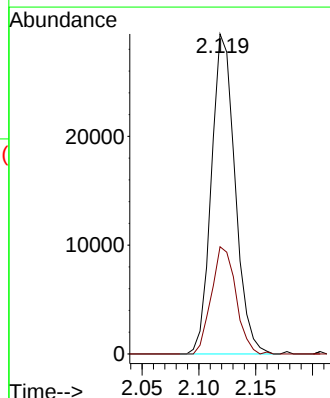
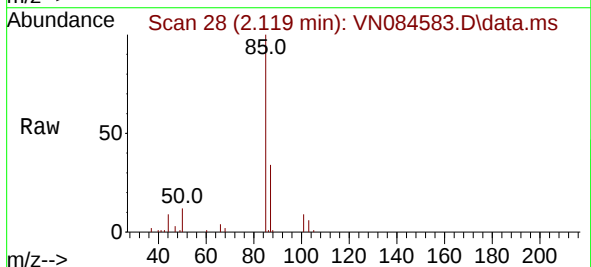
Instrument :
MSVOA_N
ClientSampleId :

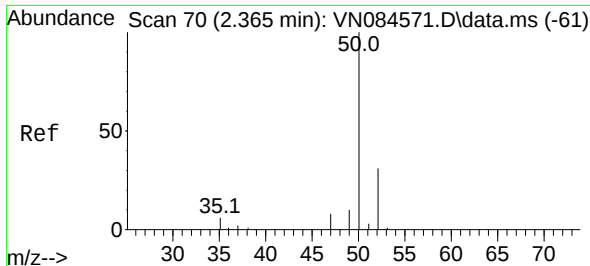
Tgt Ion:168 Resp: 164354
Ion Ratio Lower Upper
168 100
99 61.1 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 22.537 ug/l
RT: 2.119 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 85 Resp: 42581
Ion Ratio Lower Upper
85 100
87 33.5 17.6 52.9

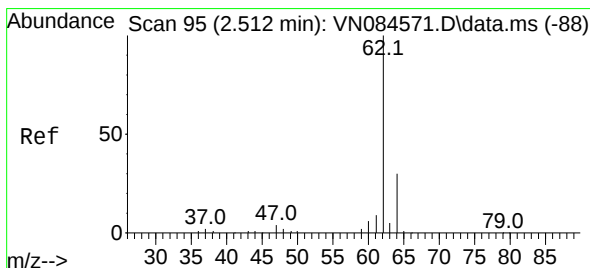
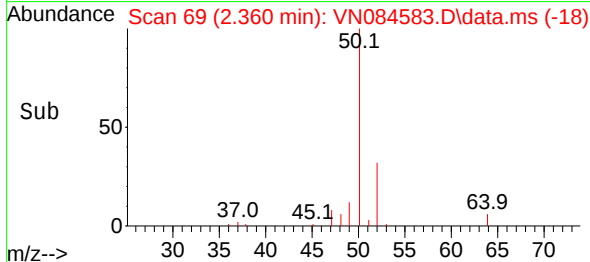
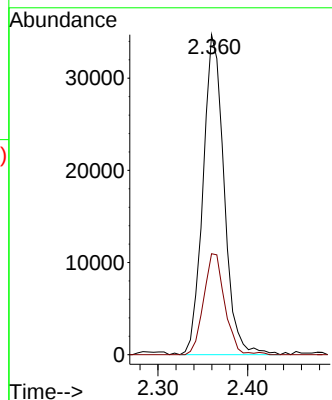
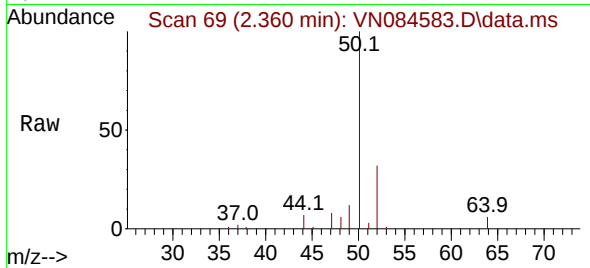




#3
Chloromethane
Concen: 24.230 ug/l
RT: 2.360 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

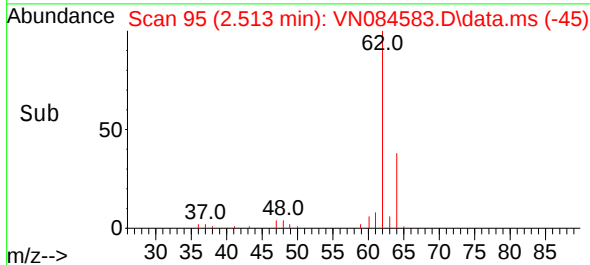
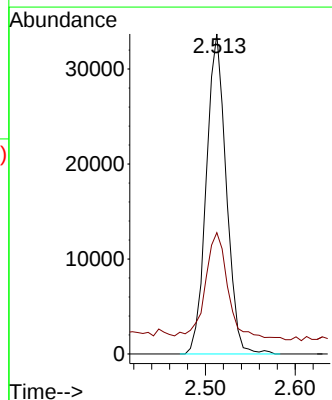
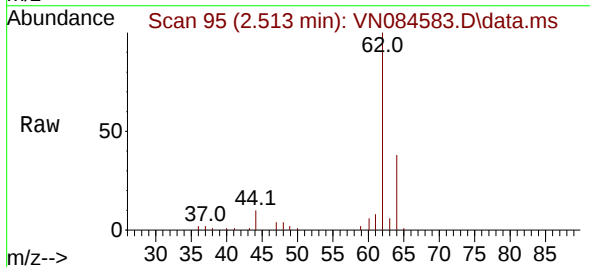
Instrument :
MSVOA_N
ClientSampleId :

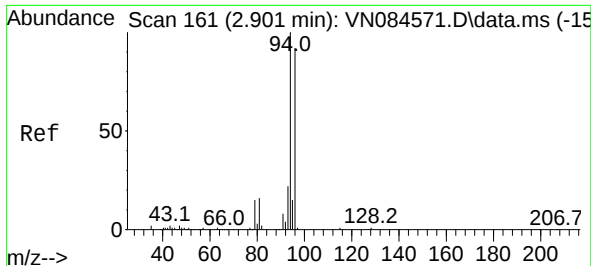
Tgt Ion: 50 Resp: 56597
Ion Ratio Lower Upper
50 100
52 31.5 26.8 40.2



#4
Vinyl Chloride
Concen: 25.499 ug/l
RT: 2.513 min Scan# 95
Delta R.T. -0.005 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 62 Resp: 51817
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4

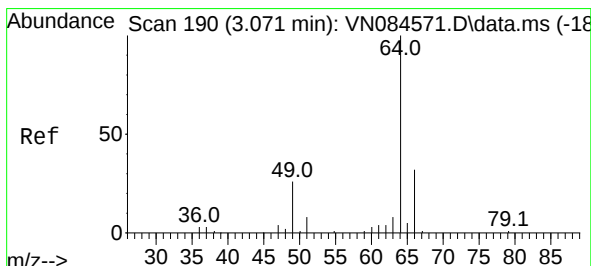
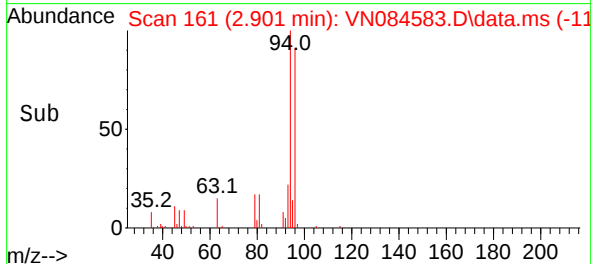
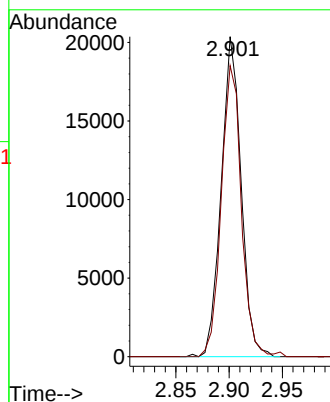
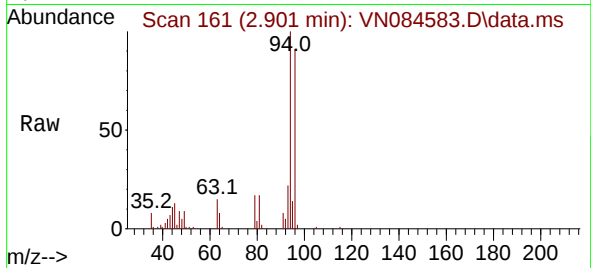




#5
Bromomethane
Concen: 24.499 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.052 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

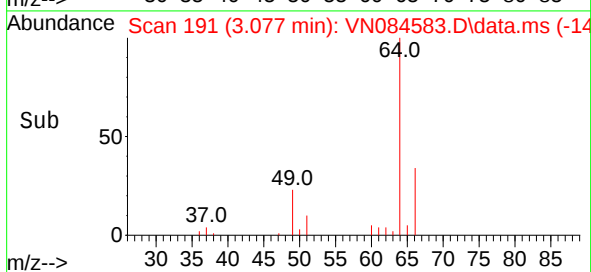
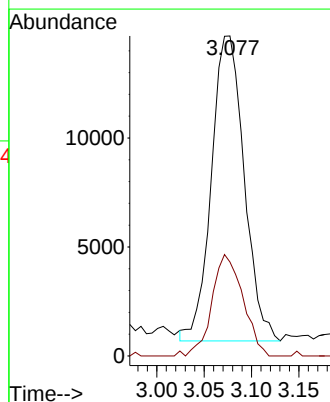
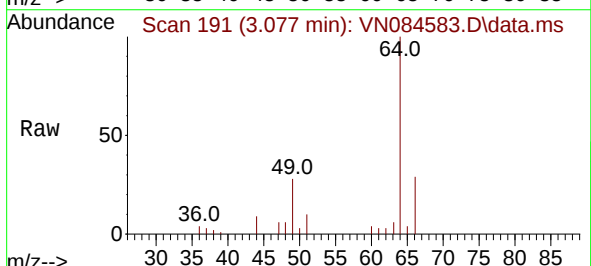
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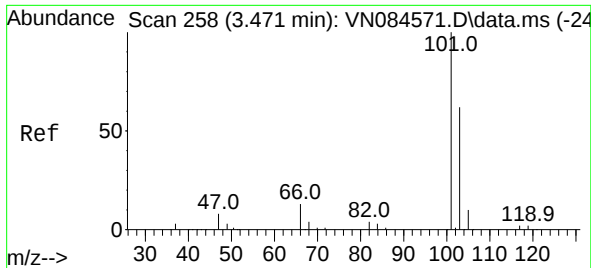
Tgt Ion: 94 Resp: 26378
Ion Ratio Lower Upper
94 100
96 90.9 72.9 109.3



#6
Chloroethane
Concen: 26.096 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 64 Resp: 33665
Ion Ratio Lower Upper
64 100
66 30.8 23.5 35.3

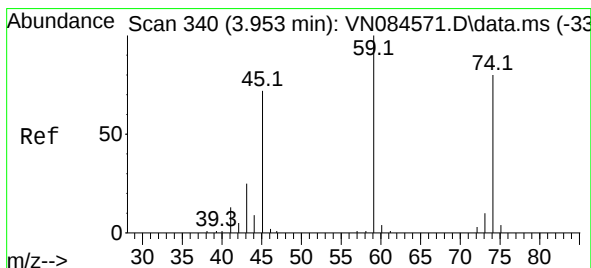
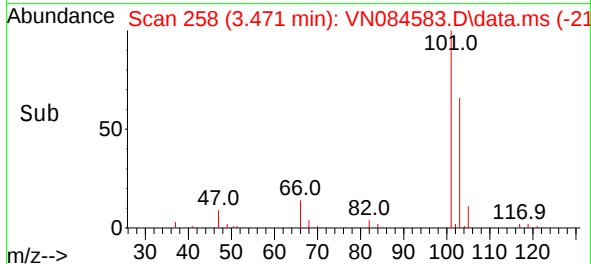
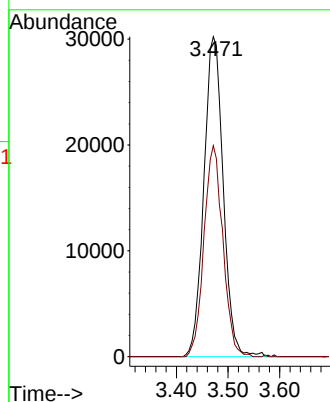
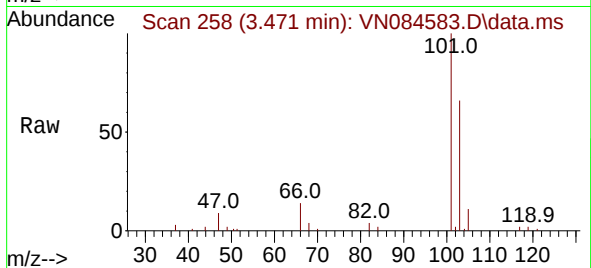




#7
 Trichlorofluoromethane
 Concen: 23.472 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. -0.024 min
 Lab File: VN084583.D
 Acq: 30 Oct 2024 22:10

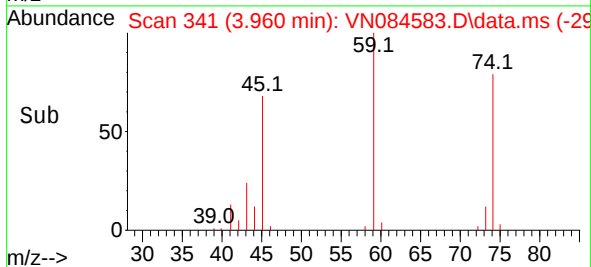
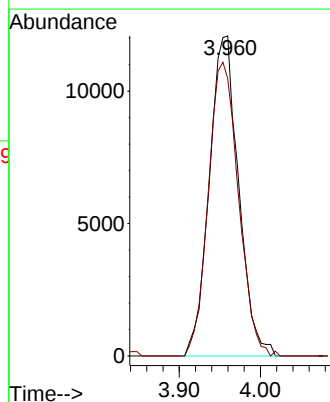
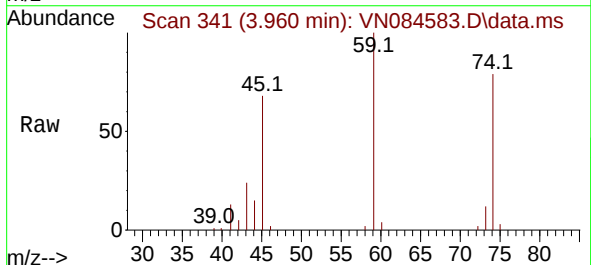
Instrument :
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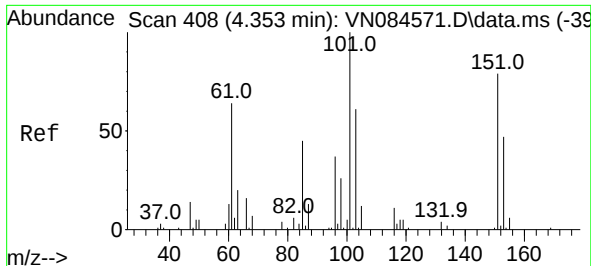
Tgt Ion:101 Resp: 78573
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.8 77.6



#8
 Diethyl Ether
 Concen: 25.630 ug/l
 RT: 3.960 min Scan# 341
 Delta R.T. 0.001 min
 Lab File: VN084583.D
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Tgt Ion: 74 Resp: 30265
 Ion Ratio Lower Upper
 74 100
 45 94.7 47.7 143.1

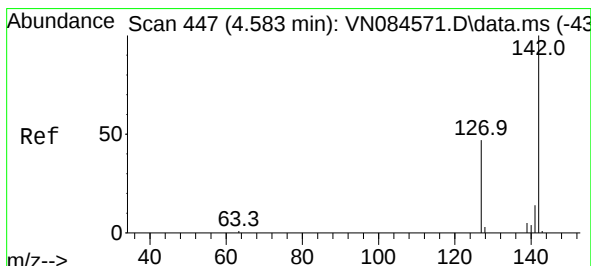
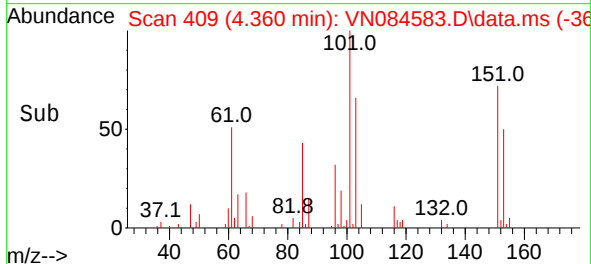
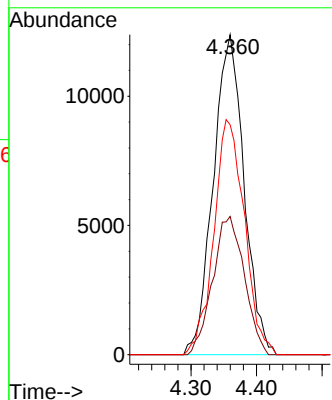
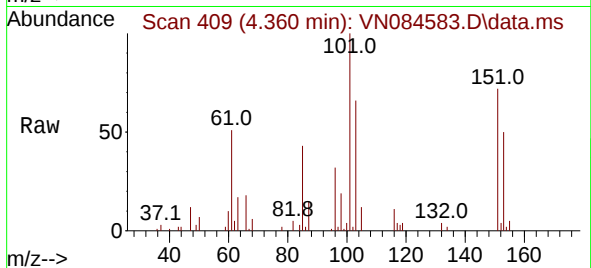




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.316 ug/l
RT: 4.360 min Scan# 408
Delta R.T. -0.011 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

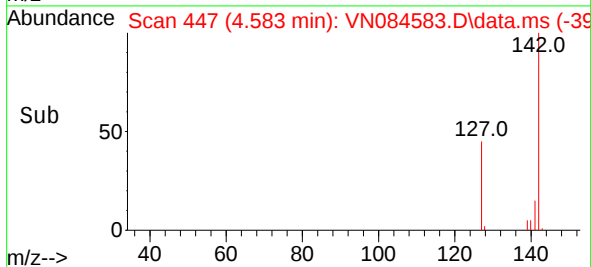
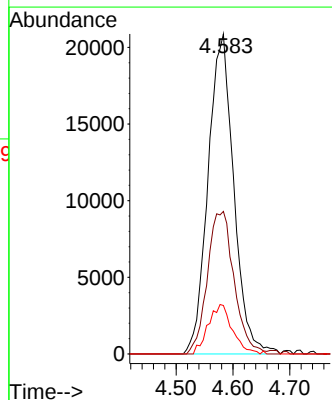
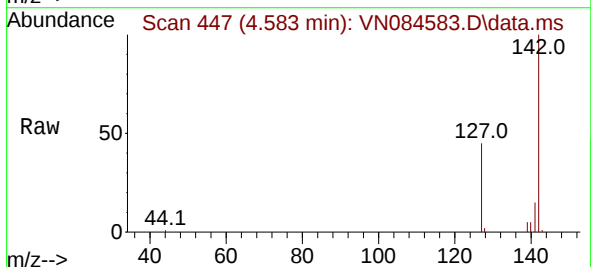
Instrument :
MSVOA_N
ClientSampleId :

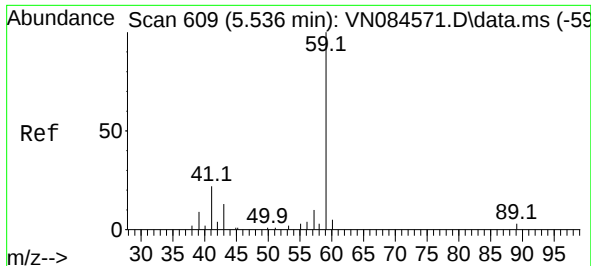
Tgt Ion:101 Resp: 40320
Ion Ratio Lower Upper
101 100
85 44.4 36.2 54.4
151 73.0 59.3 88.9



#10
Methyl Iodide
Concen: 25.914 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.011 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion:142 Resp: 65511
Ion Ratio Lower Upper
142 100
127 44.5 35.3 52.9
141 15.1 11.0 16.6

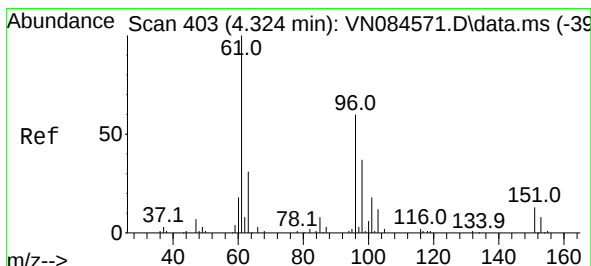
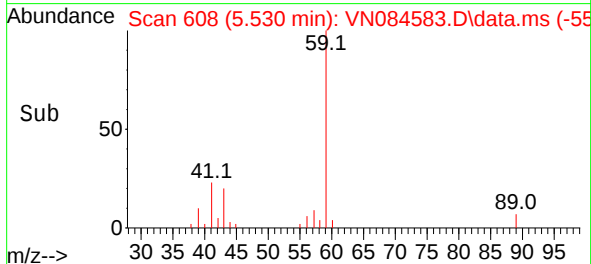
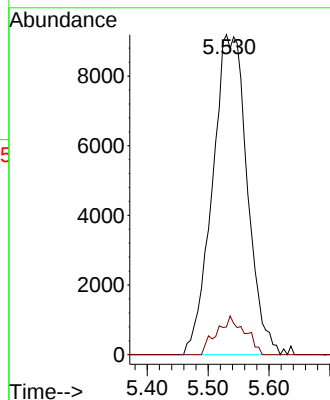
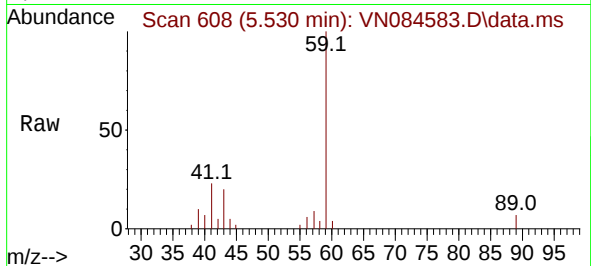




#11
Tert butyl alcohol
Concen: 116.388 ug/l
RT: 5.530 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

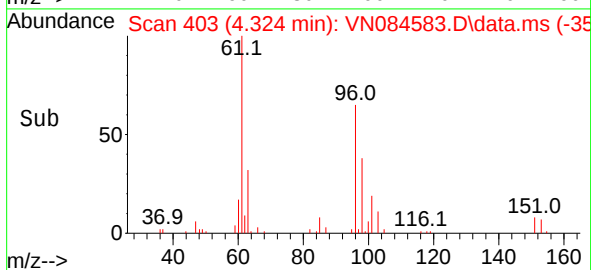
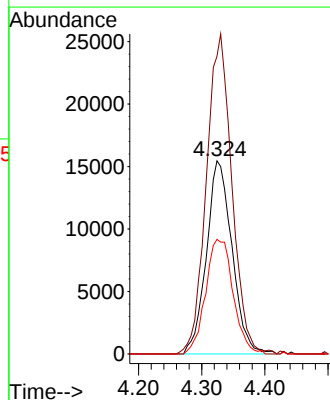
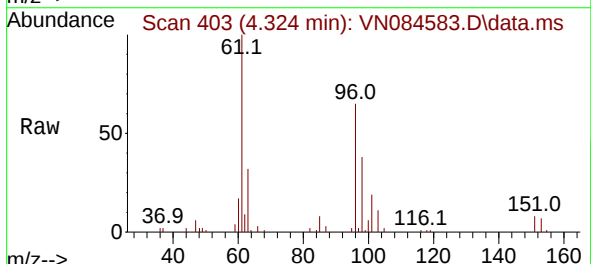
Instrument :
MSVOA_N
ClientSampleId :

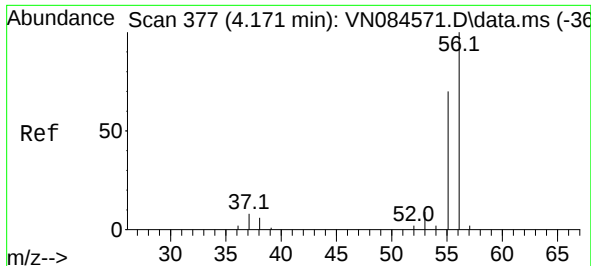
Tgt Ion: 59 Resp: 36469
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 23.273 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.017 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 96 Resp: 43558
Ion Ratio Lower Upper
96 100
61 153.1 128.6 192.8
98 59.3 51.7 77.5





#13

Acrolein

Concen: 79.961 ug/l

RT: 4.183 min Scan# 377

Delta R.T. 0.006 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

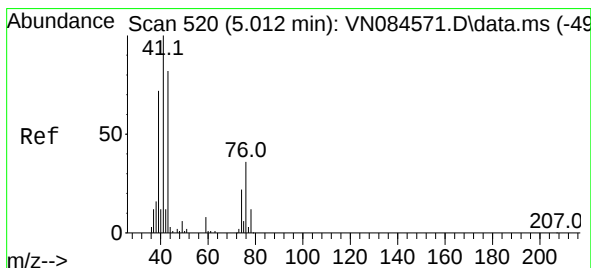
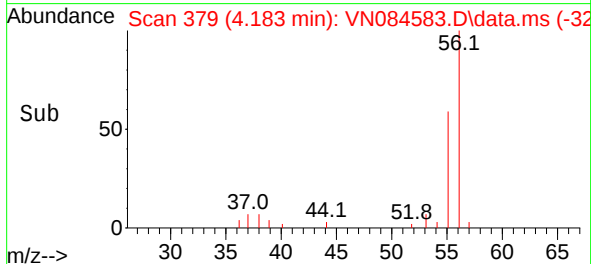
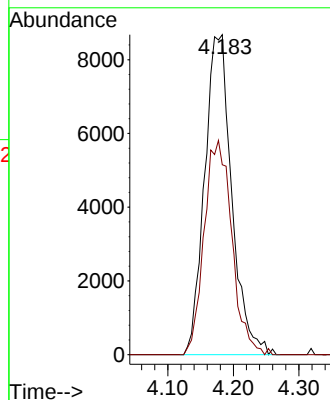
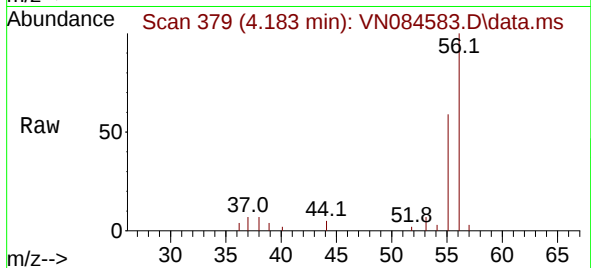
ClientSampleId :

Tgt Ion: 56 Resp: 24984

Ion Ratio Lower Upper

56 100

55 68.2 57.2 85.8



#14

Allyl chloride

Concen: 25.054 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

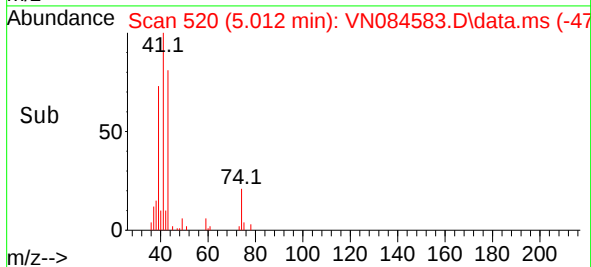
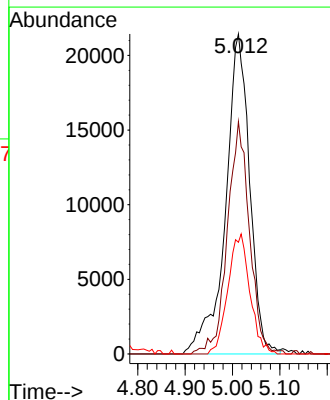
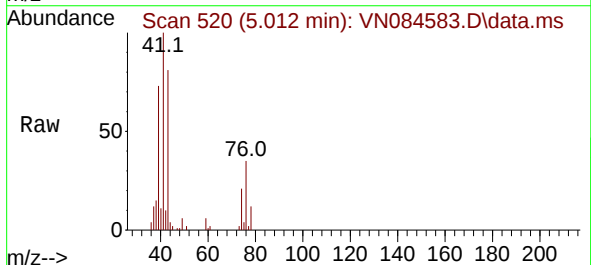
Tgt Ion: 41 Resp: 76046

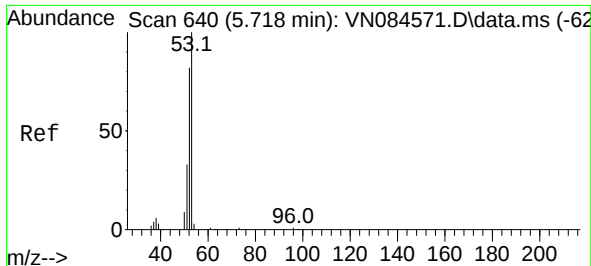
Ion Ratio Lower Upper

41 100

39 66.2 59.0 88.6

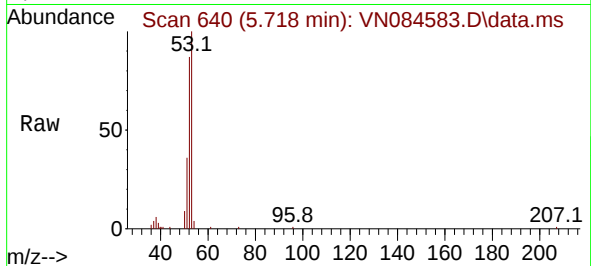
76 34.1 29.8 44.6



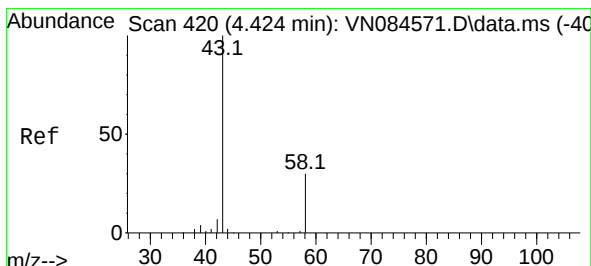
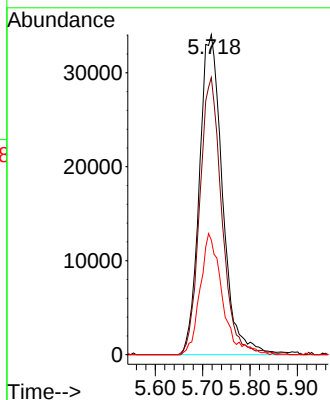
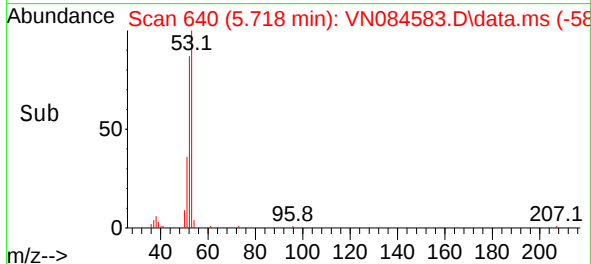


#15
Acrylonitrile
Concen: 127.426 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Instrument :
MSVOA_N
ClientSampleId :

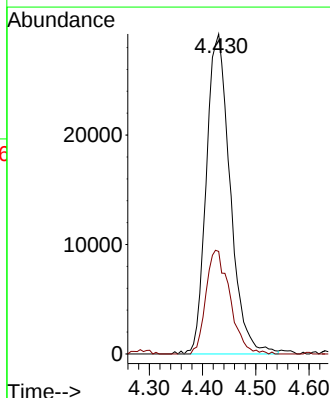
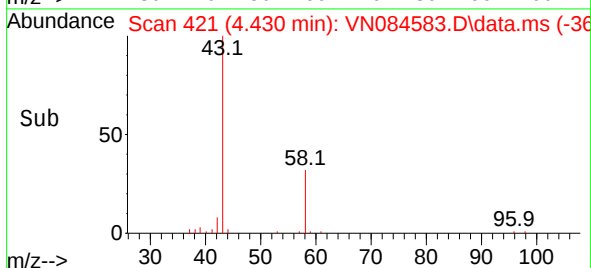
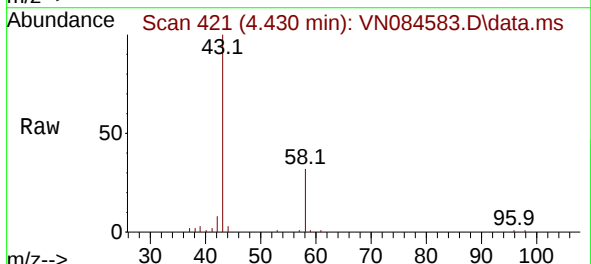


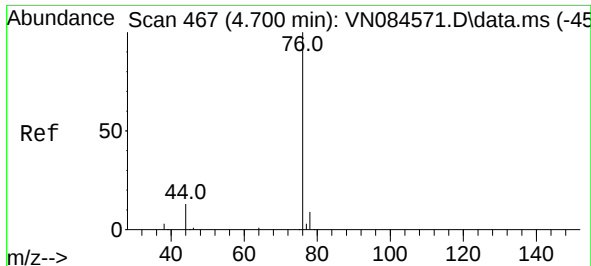
Tgt Ion: 53 Resp: 115588
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.4
51 36.3 28.8 43.2



#16
Acetone
Concen: 130.707 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 43 Resp: 90560
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6

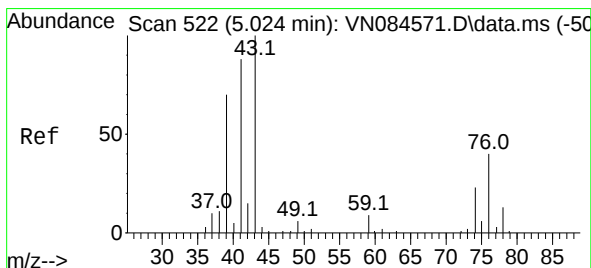
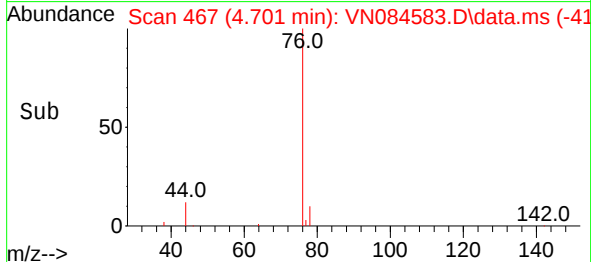
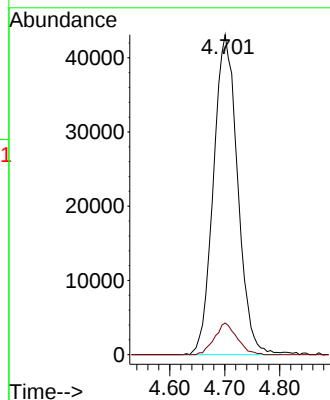
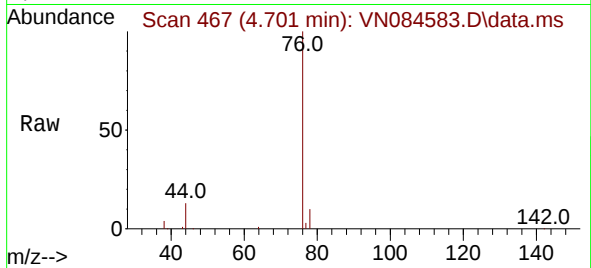




#17
Carbon Disulfide
Concen: 22.852 ug/l
RT: 4.701 min Scan# 41
Delta R.T. -0.011 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

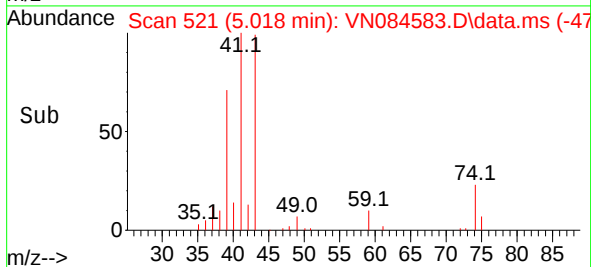
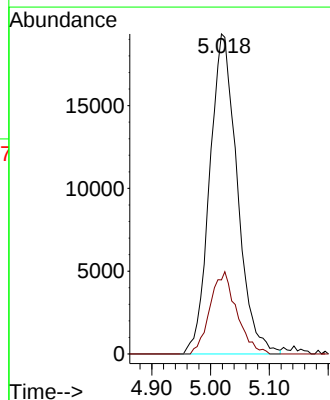
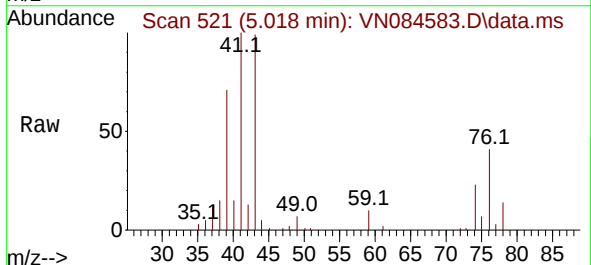
Instrument :
MSVOA_N
ClientSampleId :

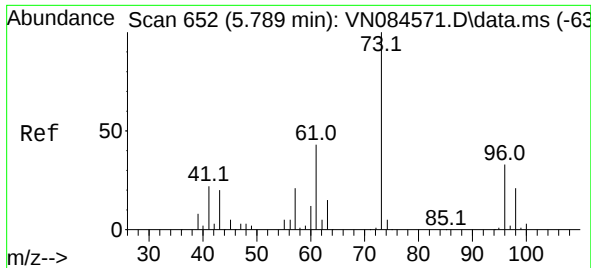
Tgt Ion: 76 Resp: 131714
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 22.973 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 43 Resp: 62949
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8

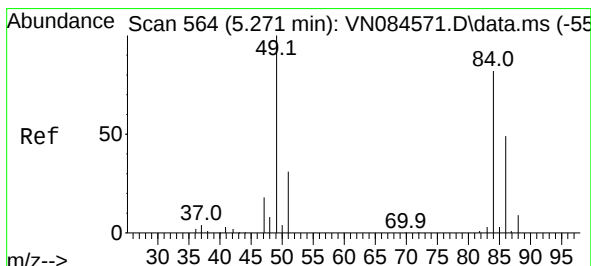
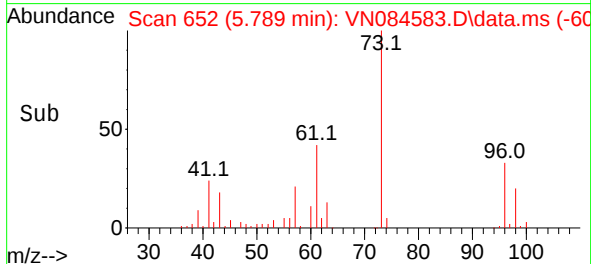
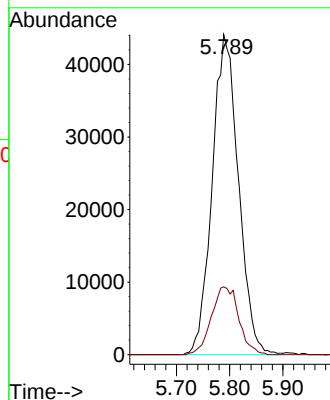
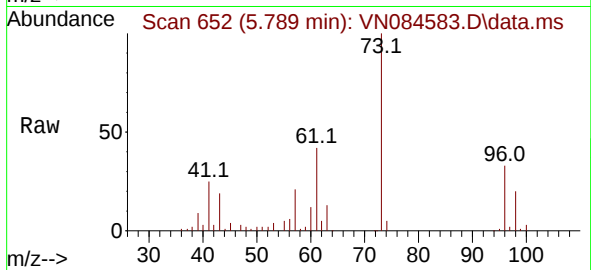




#19
Methyl tert-butyl Ether
Concen: 26.335 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

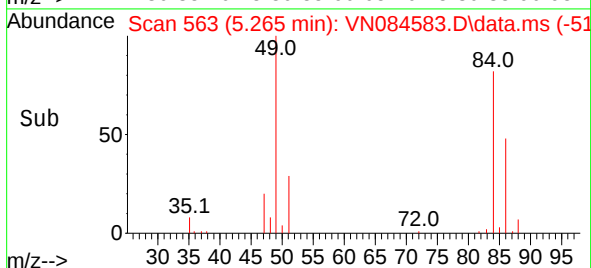
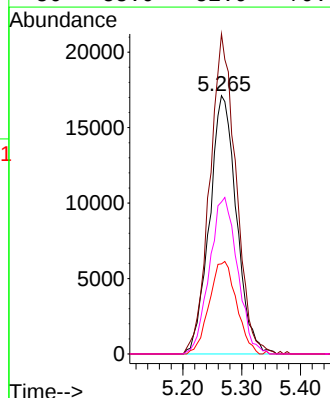
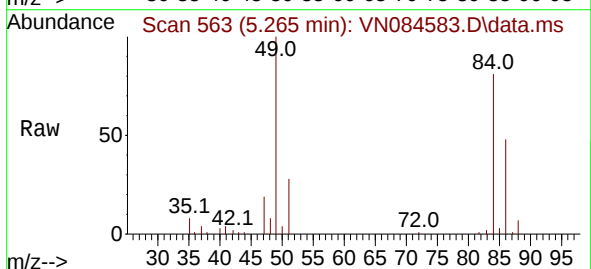
Instrument :
MSVOA_N
ClientSampleId :

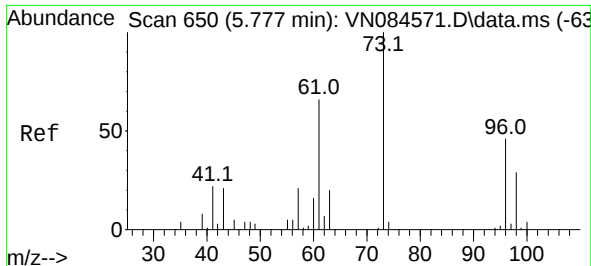
Tgt Ion: 73 Resp: 151075
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 26.096 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

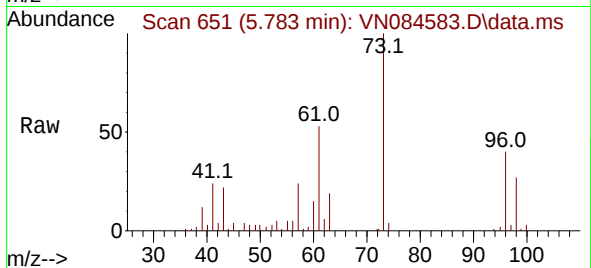
Tgt Ion: 84 Resp: 54483
Ion Ratio Lower Upper
84 100
49 123.9 107.2 160.8
51 34.9 31.8 47.8
86 58.9 52.9 79.3



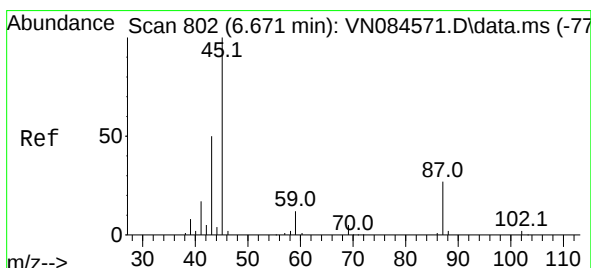
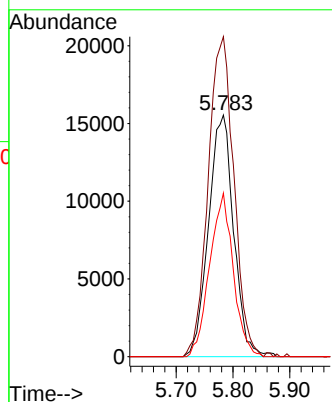
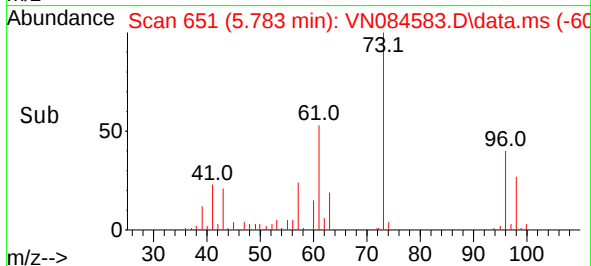


#21
trans-1,2-Dichloroethene
Concen: 24.830 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Instrument :
MSVOA_N
ClientSampleId :

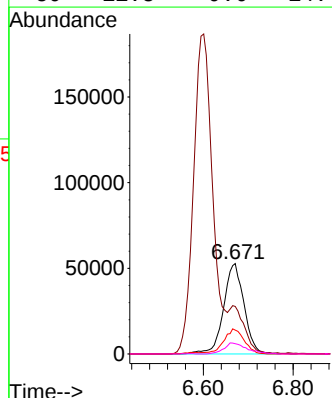
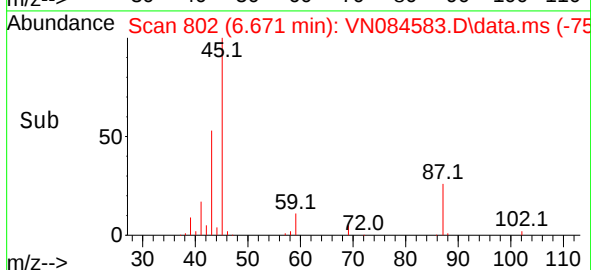
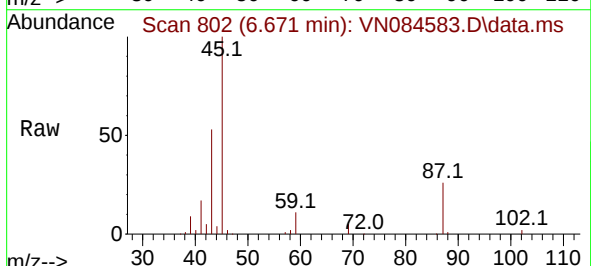


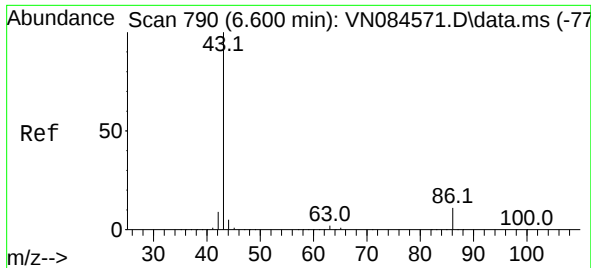
Tgt Ion: 96 Resp: 47719
Ion Ratio Lower Upper
96 100
61 132.5 108.4 162.6
98 67.7 49.8 74.8



#22
Diisopropyl ether
Concen: 27.742 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 45 Resp: 167318
Ion Ratio Lower Upper
45 100
43 51.8 42.3 63.5
87 26.4 21.8 32.6
59 11.3 9.6 14.4

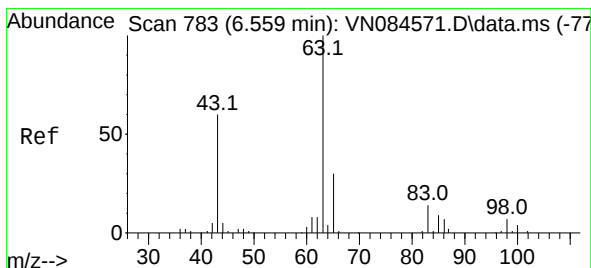
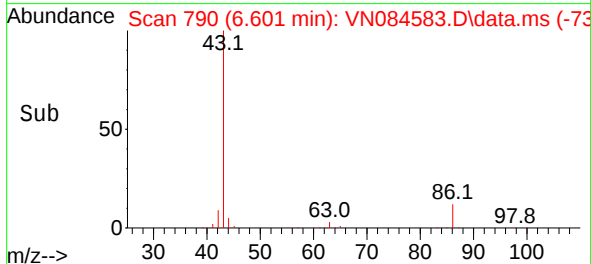
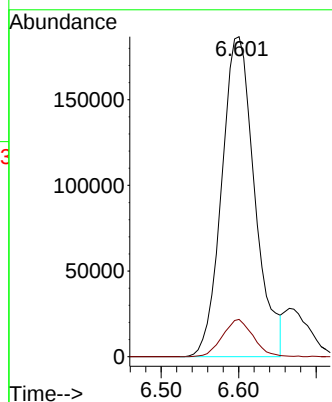
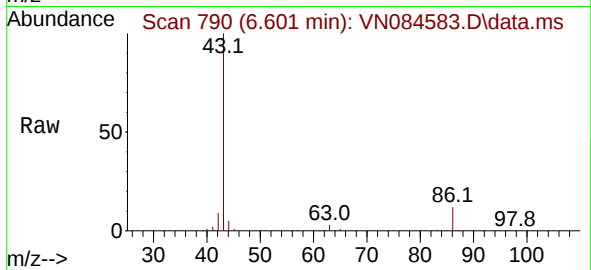




#23
 Vinyl Acetate
 Concen: 133.220 ug/l
 RT: 6.601 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084583.D
 Acq: 30 Oct 2024 22:10

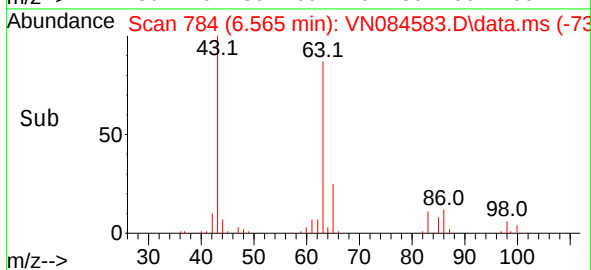
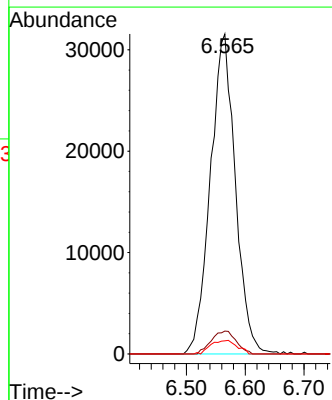
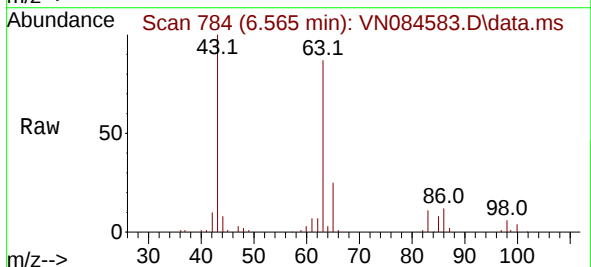
Instrument :
 MSVOA_N
 ClientSampleId :

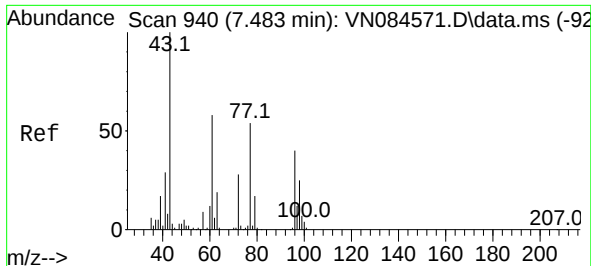
Tgt Ion: 43 Resp: 554091
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 25.734 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084583.D
 Acq: 30 Oct 2024 22:10

Tgt Ion: 63 Resp: 93182
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.1 2.0 5.8

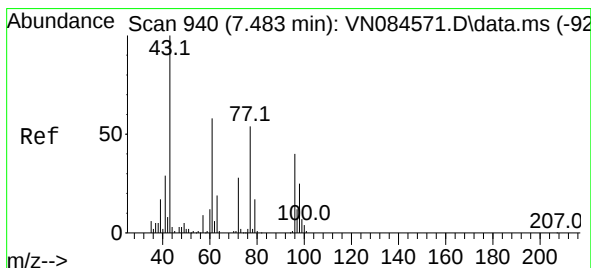
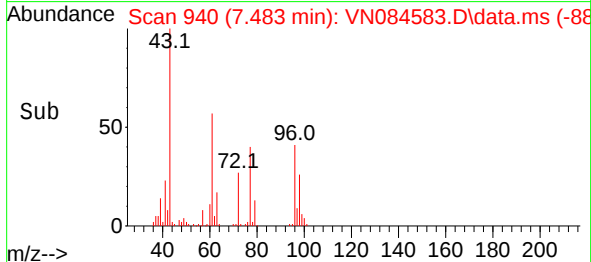
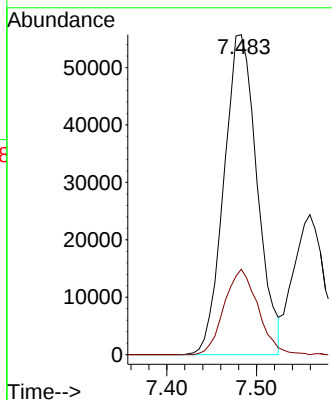
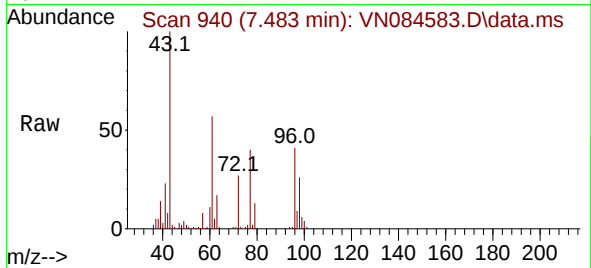




#25
2-Butanone
Concen: 129.622 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

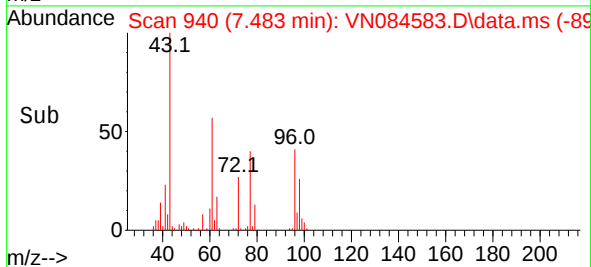
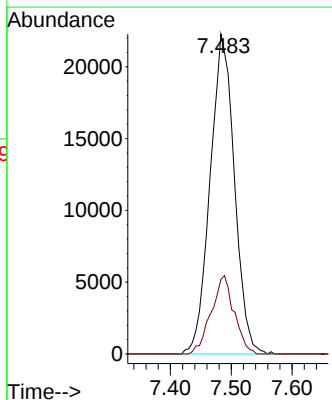
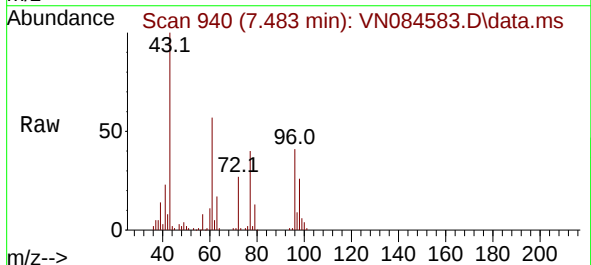
Instrument :
MSVOA_N
ClientSampleId :

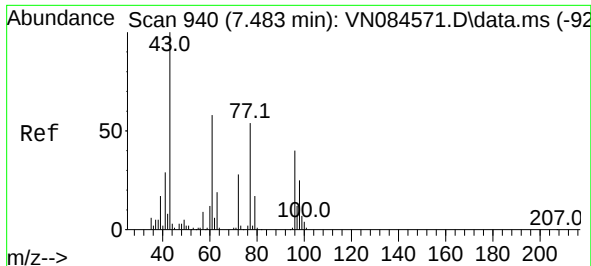
Tgt Ion: 43 Resp: 143552
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.607 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

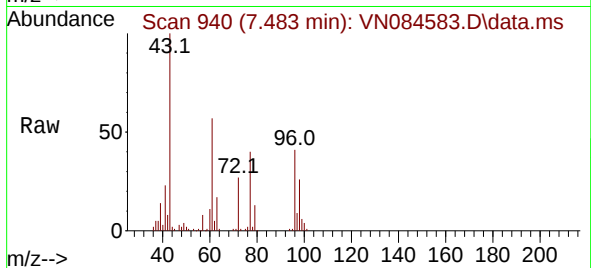
Tgt Ion: 77 Resp: 61793
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3



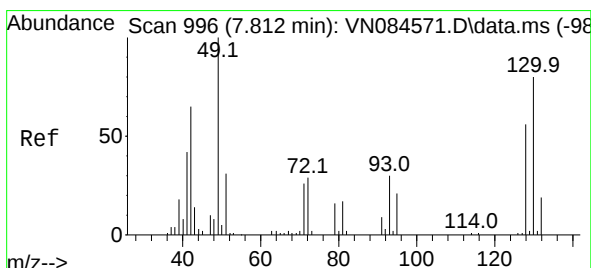
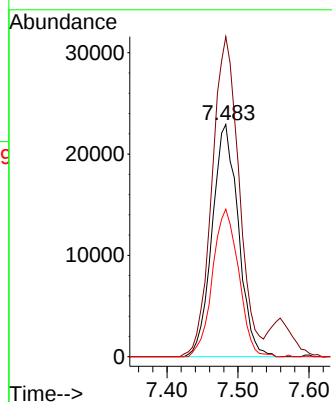
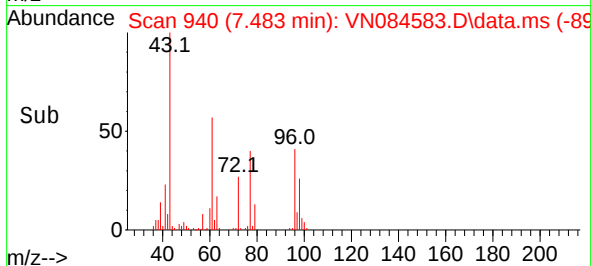


#27
 cis-1,2-Dichloroethene
 Concen: 26.141 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084583.D
 Acq: 30 Oct 2024 22:10

Instrument :
 MSVOA_N
 ClientSampleId :

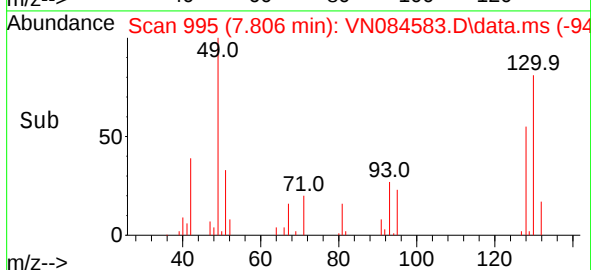
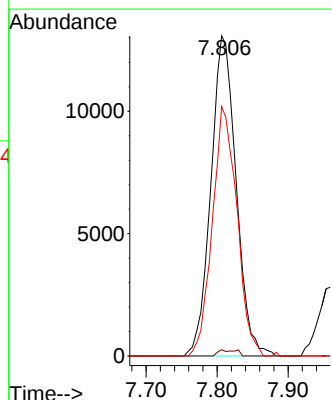
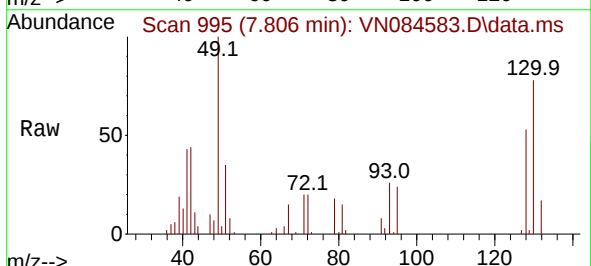


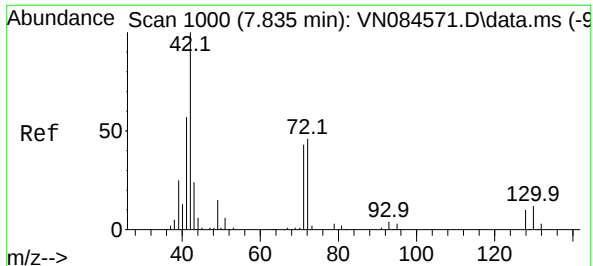
Tgt Ion: 96 Resp: 58663
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 301.8
 98 63.5 0.0 128.2



#28
 Bromochloromethane
 Concen: 22.407 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084583.D
 Acq: 30 Oct 2024 22:10

Tgt Ion: 49 Resp: 32326
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.6
 130 75.7 58.0 87.0

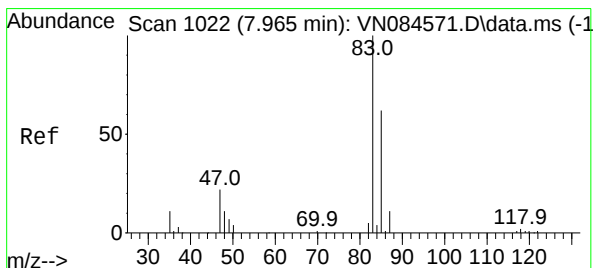
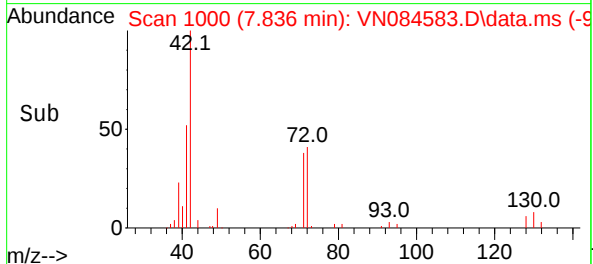
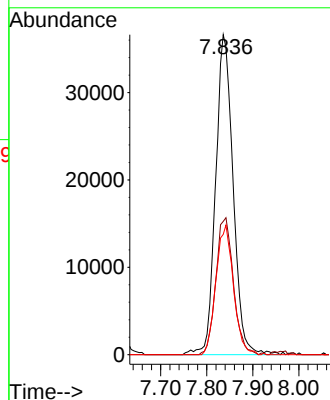
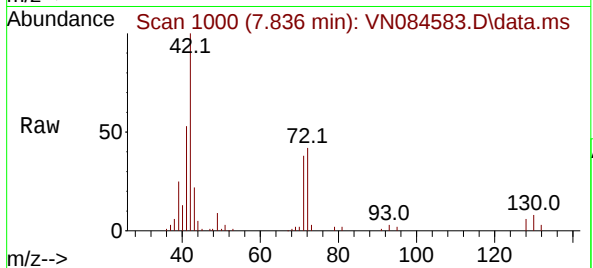




#29
Tetrahydrofuran
Concen: 131.335 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

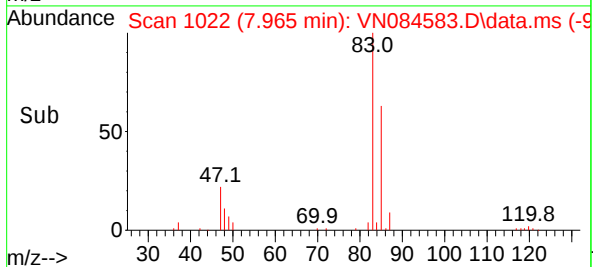
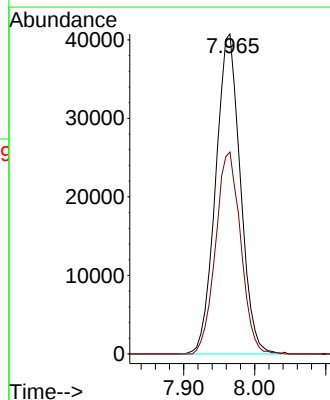
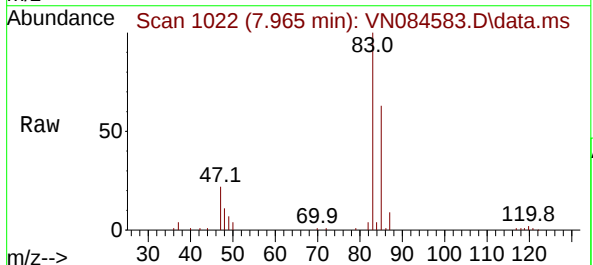
Instrument :
MSVOA_N
ClientSampleId :

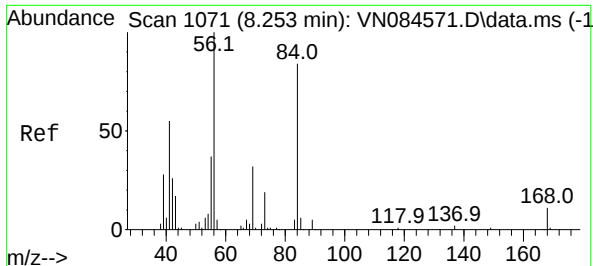
Tgt Ion: 42 Resp: 96493
Ion Ratio Lower Upper
42 100
72 42.9 34.6 51.8
71 40.4 32.2 48.4



#30
Chloroform
Concen: 26.660 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 83 Resp: 98258
Ion Ratio Lower Upper
83 100
85 63.1 51.0 76.4





#31

Cyclohexane

Concen: 20.332 ug/l

RT: 8.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

ClientSampleId :

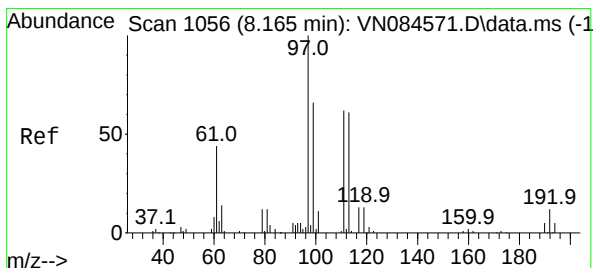
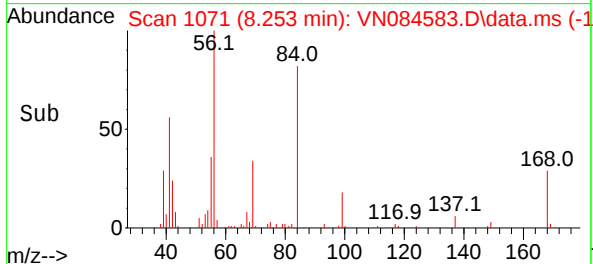
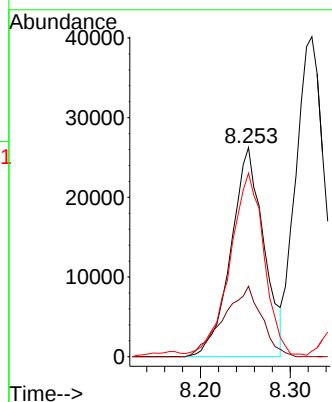
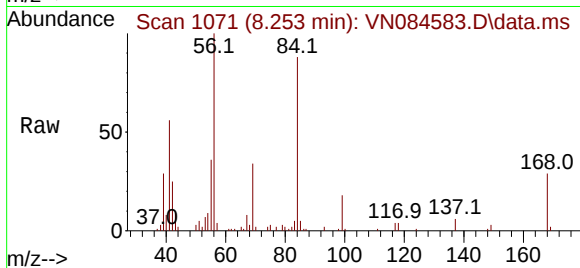
Tgt Ion: 56 Resp: 66635

Ion Ratio Lower Upper

56 100

69 33.7 23.8 35.6

84 86.0 68.8 103.2



#32

1,1,1-Trichloroethane

Concen: 24.890 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

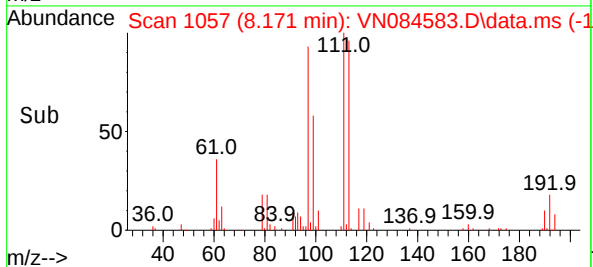
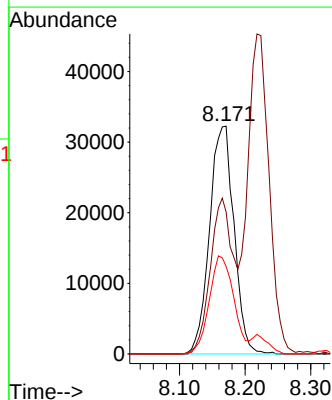
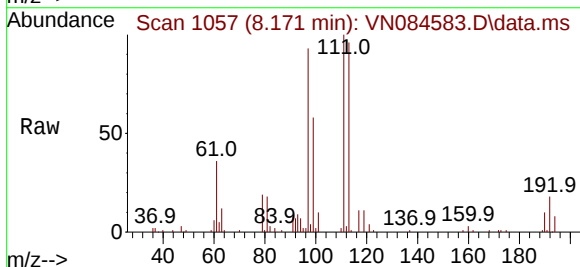
Tgt Ion: 97 Resp: 83493

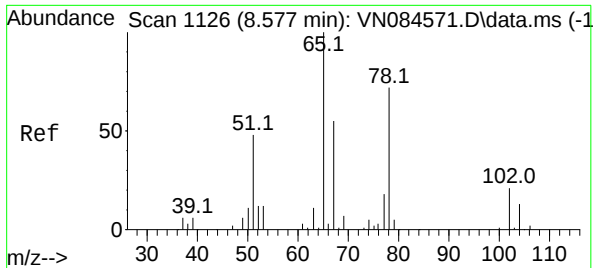
Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

61 43.5 37.5 56.3

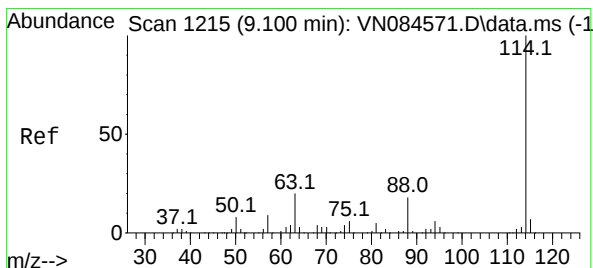
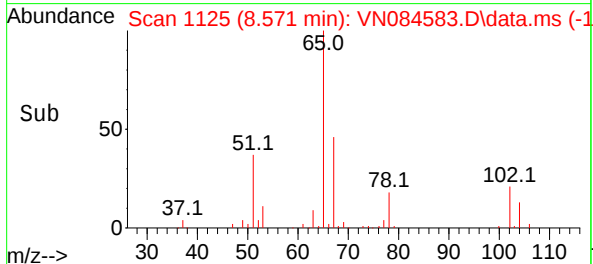
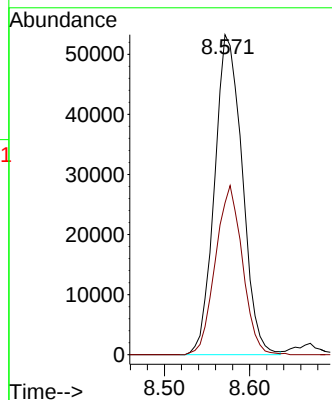
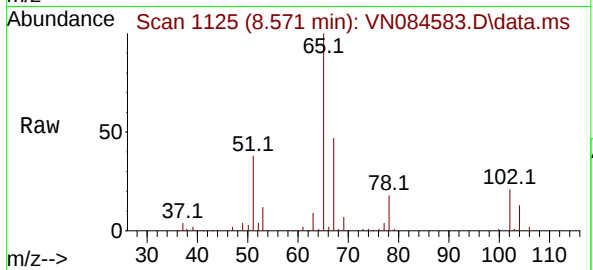




#33
1,2-Dichloroethane-d4
Concen: 50.597 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

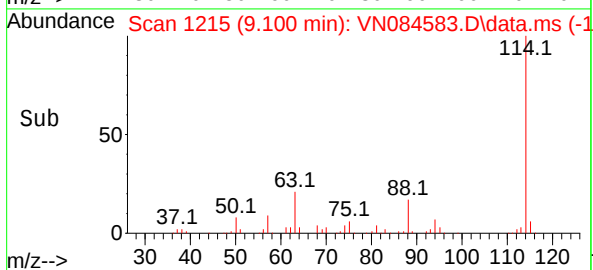
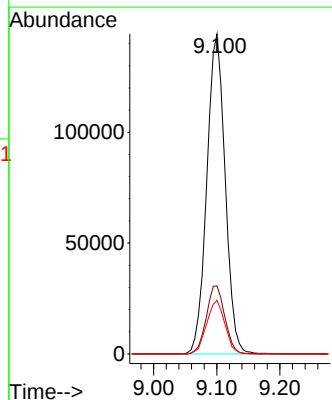
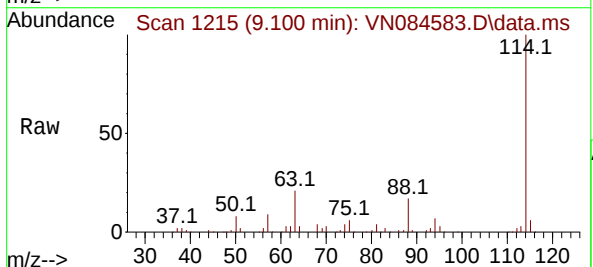
Instrument :
MSVOA_N
ClientSampleId :

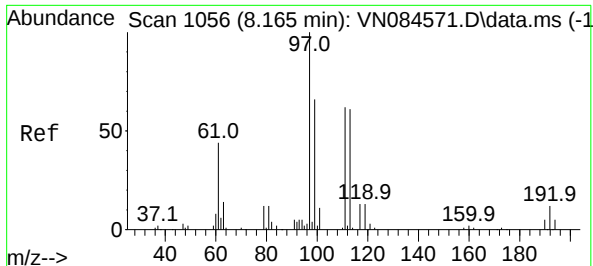
Tgt Ion: 65 Resp: 120109
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion:114 Resp: 291224
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.8
88 16.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.743 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

ClientSampleId :

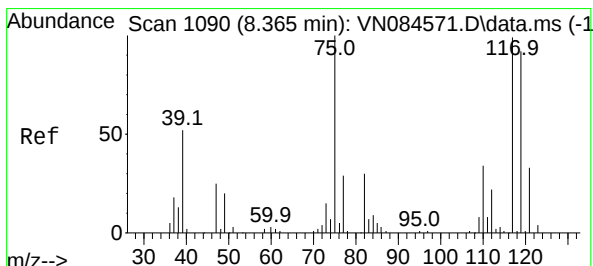
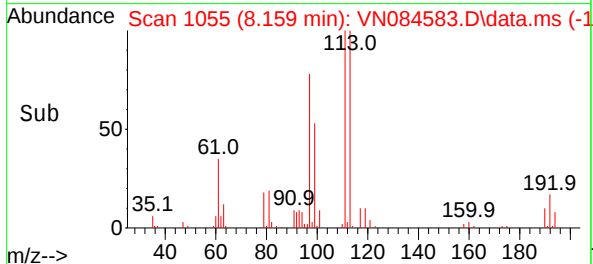
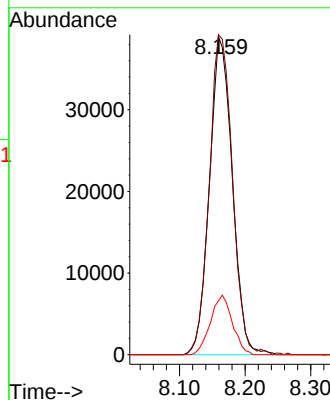
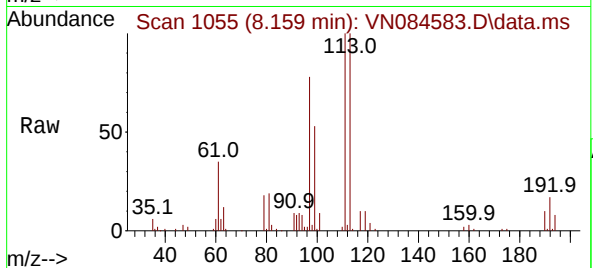
Tgt Ion:113 Resp: 94112

Ion Ratio Lower Upper

113 100

111 101.8 83.3 124.9

192 18.0 13.5 20.3



#36

1,1-Dichloropropene

Concen: 22.283 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

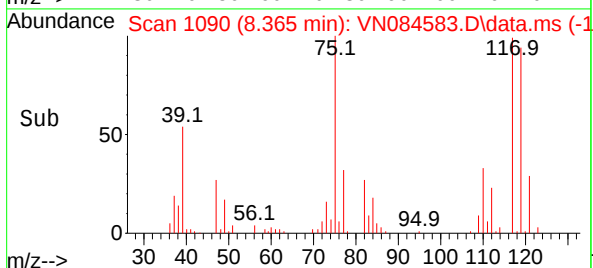
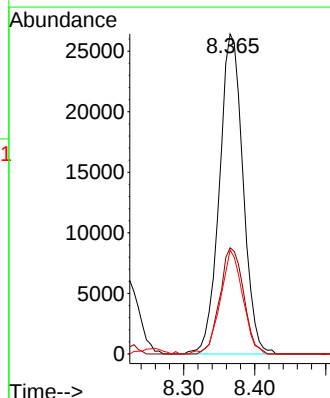
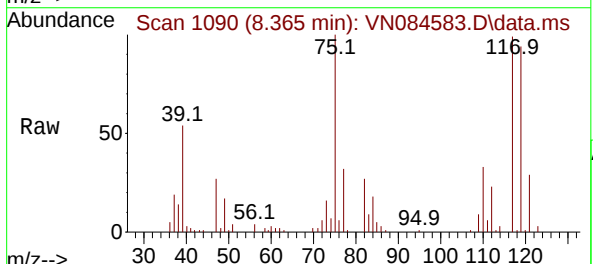
Tgt Ion: 75 Resp: 60919

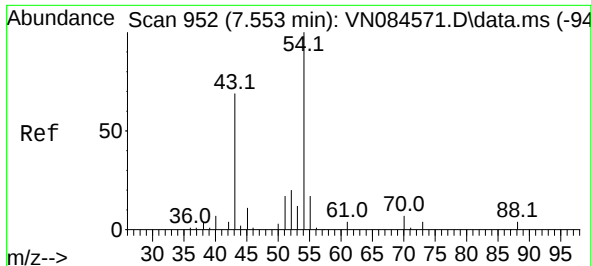
Ion Ratio Lower Upper

75 100

110 33.4 16.9 50.7

77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 24.534 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

ClientSampleId :

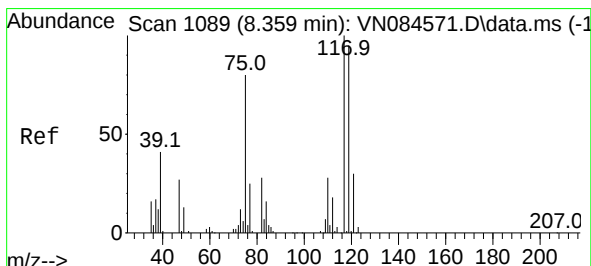
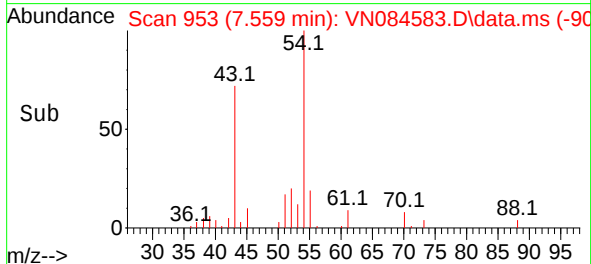
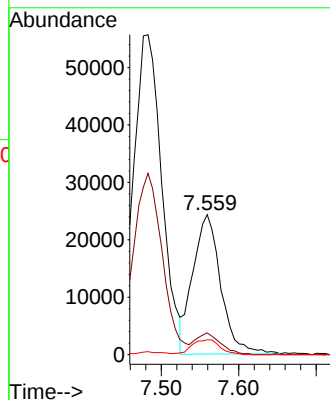
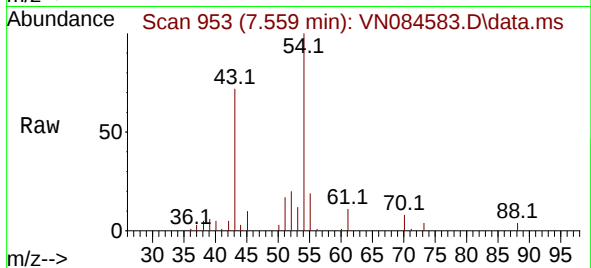
Tgt Ion: 43 Resp: 60855

Ion Ratio Lower Upper

43 100

61 13.9 10.7 16.1

70 10.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 22.574 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

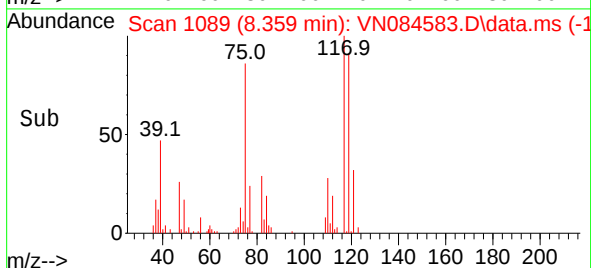
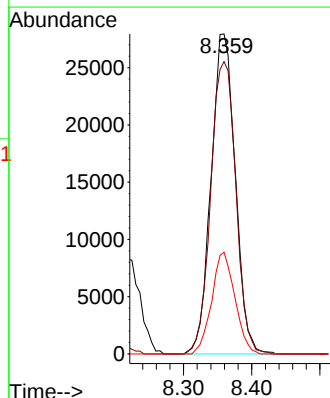
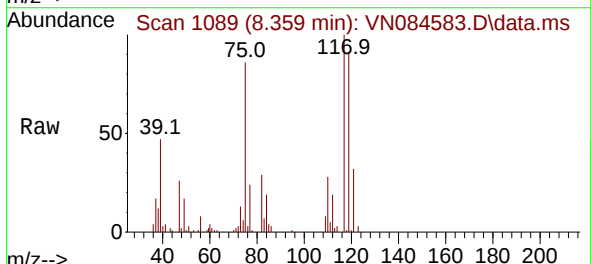
Tgt Ion: 117 Resp: 68981

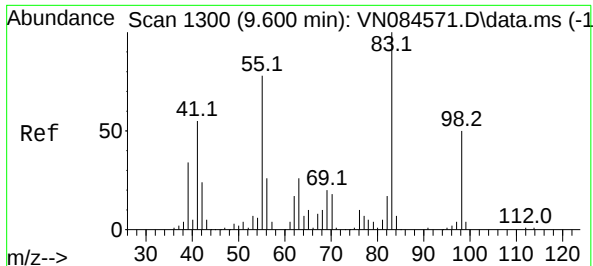
Ion Ratio Lower Upper

117 100

119 91.4 78.7 118.1

121 31.8 24.4 36.6

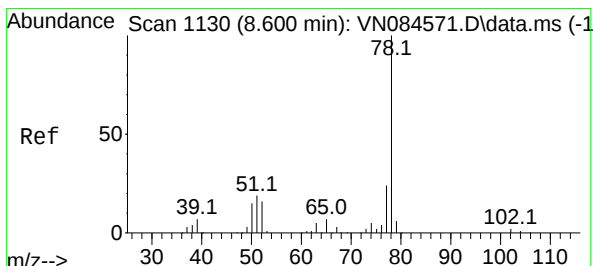
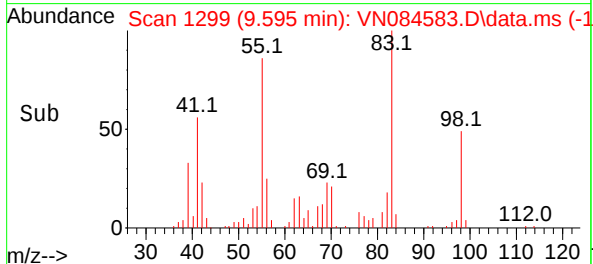
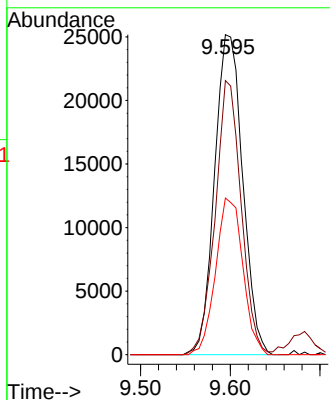
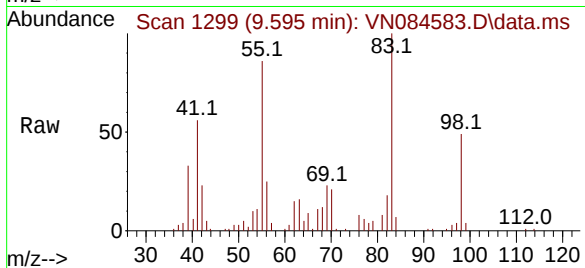




#39
Methylcyclohexane
Concen: 19.680 ug/l
RT: 9.595 min Scan# 11299
Delta R.T. -0.006 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

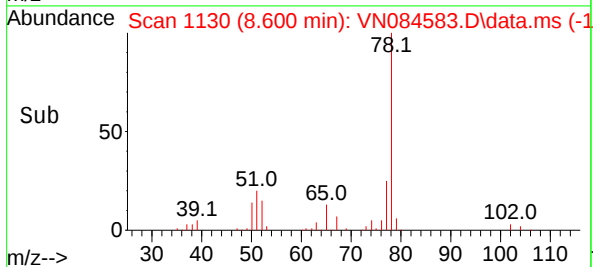
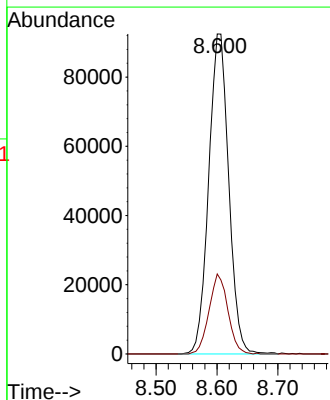
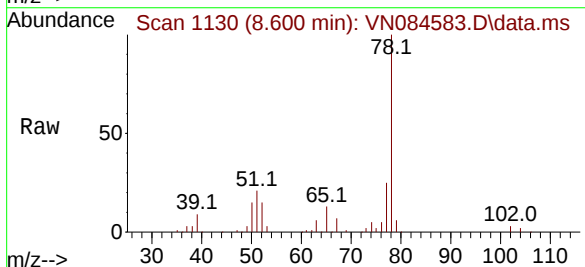
Instrument :
MSVOA_N
ClientSampleId :

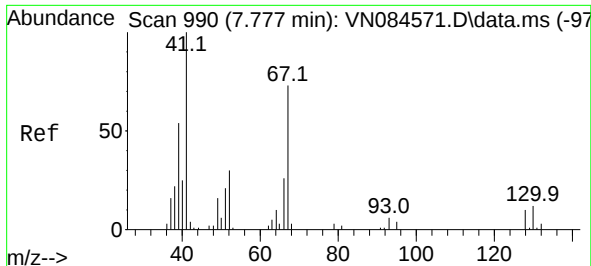
Tgt Ion: 83 Resp: 54733
Ion Ratio Lower Upper
83 100
55 85.7 62.8 94.2
98 48.9 38.8 58.2



#40
Benzene
Concen: 24.059 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 78 Resp: 211230
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7

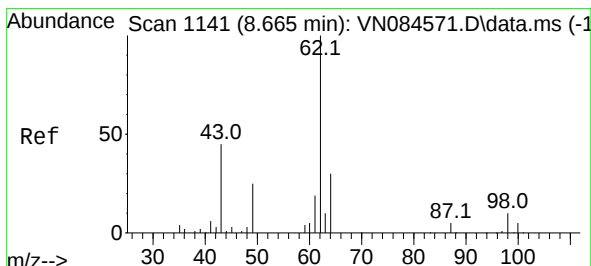
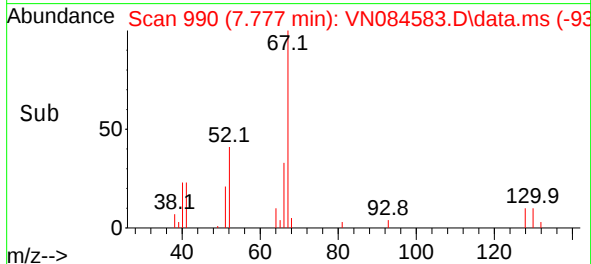
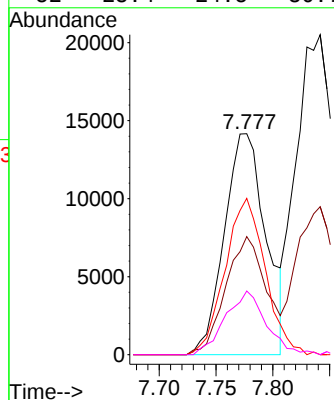
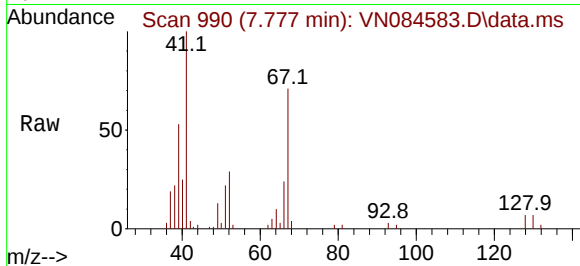




#41
Methacrylonitrile
Concen: 26.963 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

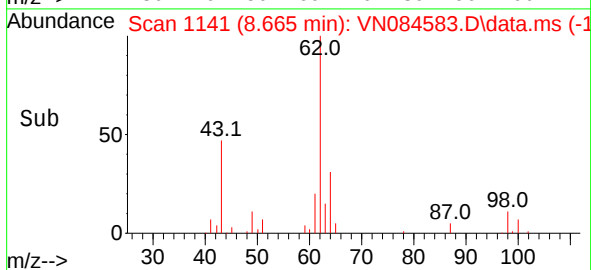
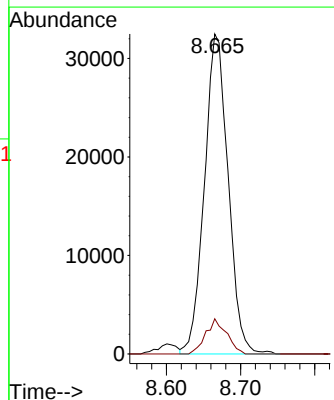
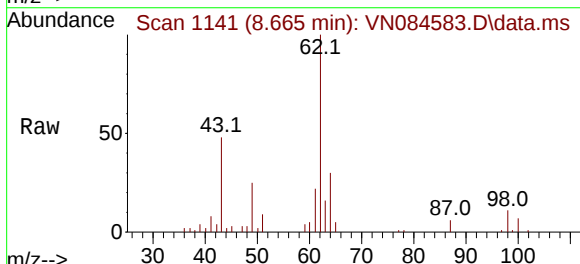
Instrument :
MSVOA_N
ClientSampleId :

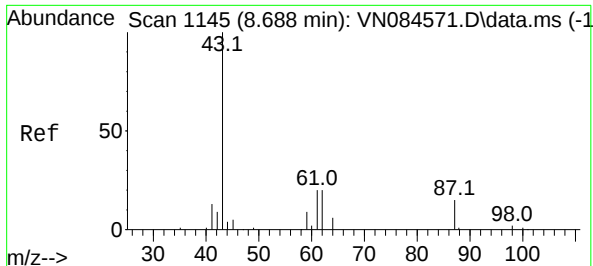
Tgt Ion: 41	Resp: 35965
Ion Ratio	Lower Upper
41 100	
39 52.4	43.3 64.9
67 68.5	56.1 84.1
52 28.4	24.5 36.7



#42
1,2-Dichloroethane
Concen: 25.411 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 62	Resp: 72252
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 18.2

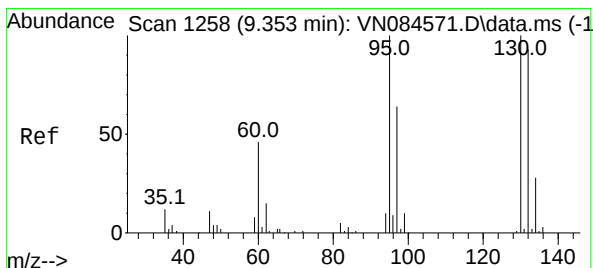
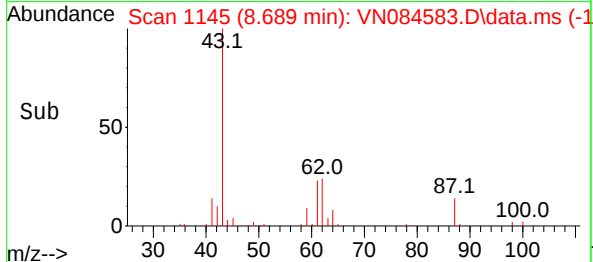
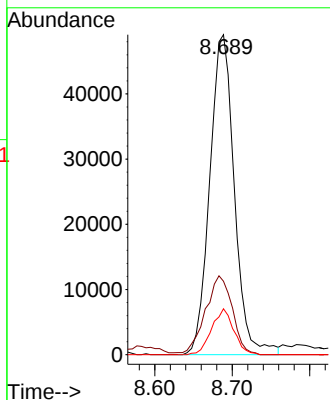
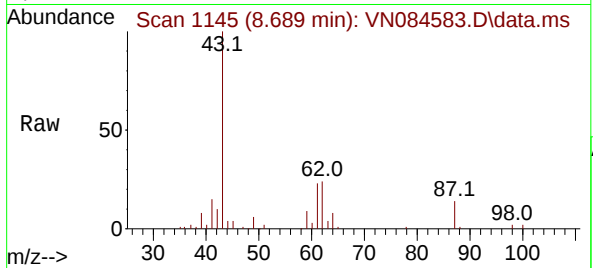




#43
Isopropyl Acetate
Concen: 23.124 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

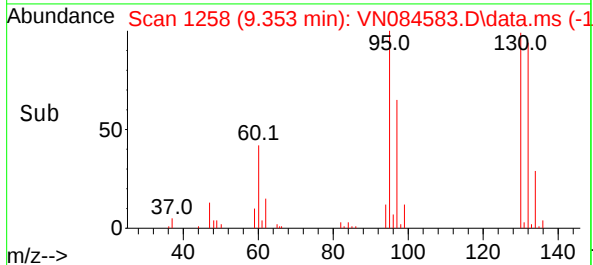
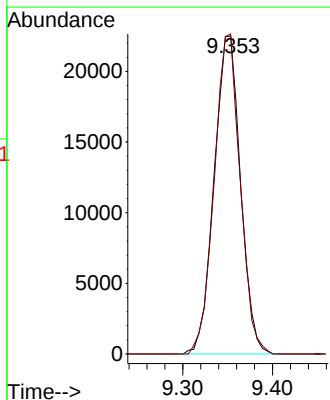
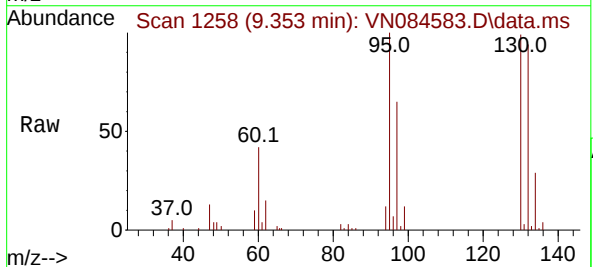
Instrument :
MSVOA_N
ClientSampleId :

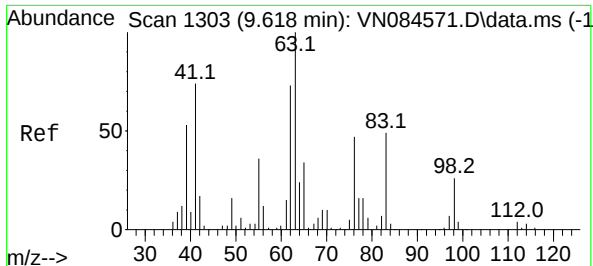
Tgt Ion: 43 Resp: 108342
Ion Ratio Lower Upper
43 100
61 27.1 20.4 30.6
87 12.9 10.3 15.5



#44
Trichloroethene
Concen: 22.639 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion:130 Resp: 45839
Ion Ratio Lower Upper
130 100
95 100.6 0.0 203.0

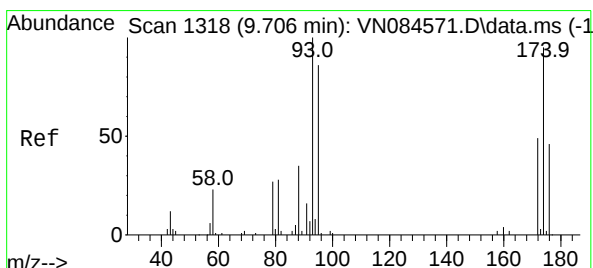
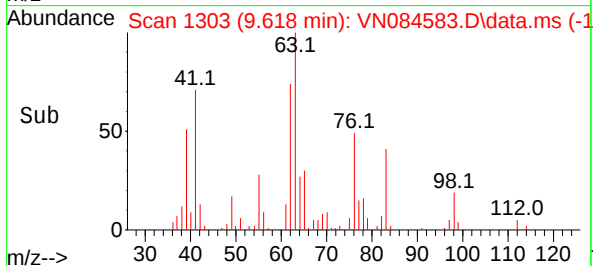
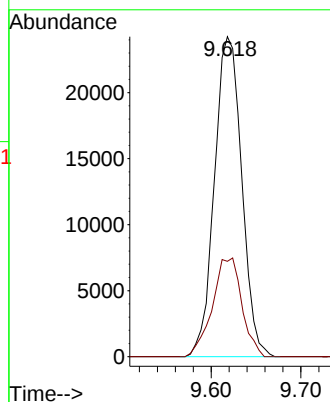
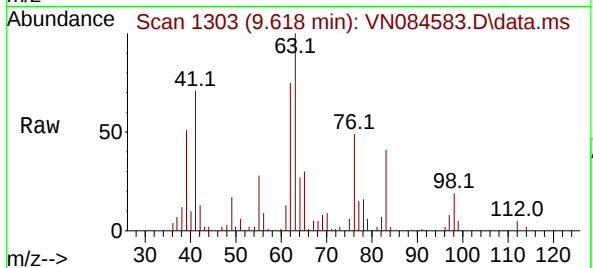




#45
1,2-Dichloropropane
Concen: 24.837 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

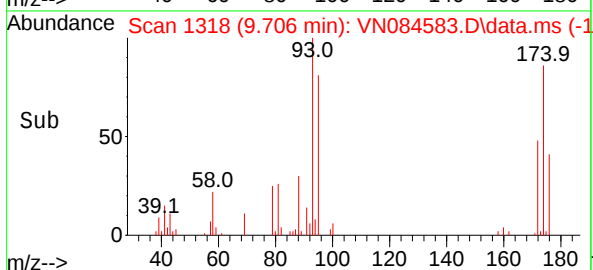
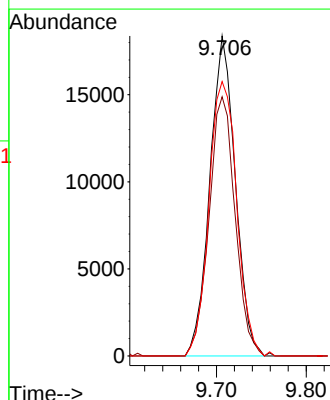
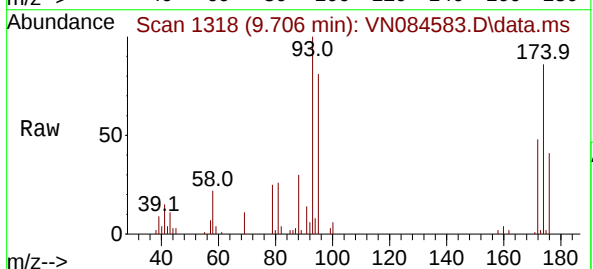
Instrument :
MSVOA_N
ClientSampleId :

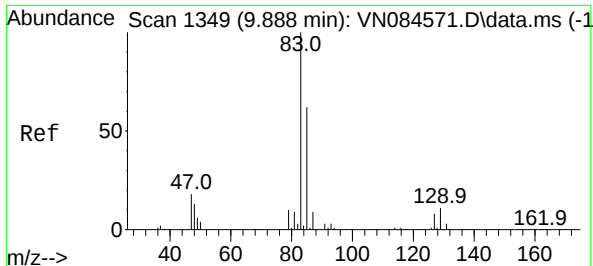
Tgt Ion: 63 Resp: 51152
Ion Ratio Lower Upper
63 100
65 29.8 24.6 37.0



#46
Dibromomethane
Concen: 24.906 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 93 Resp: 36196
Ion Ratio Lower Upper
93 100
95 82.9 65.0 97.4
174 93.9 71.8 107.8





#47

Bromodichloromethane

Concen: 24.617 ug/l

RT: 9.889 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

ClientSampleId :

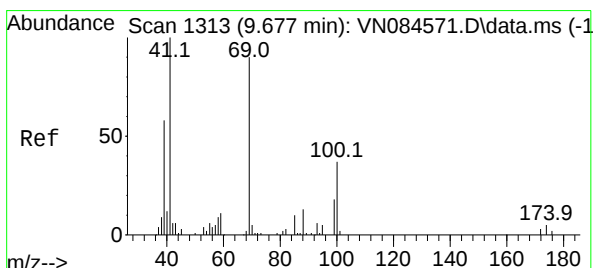
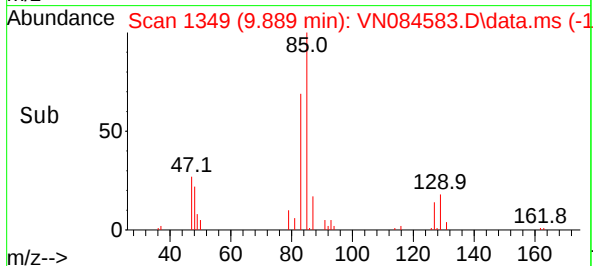
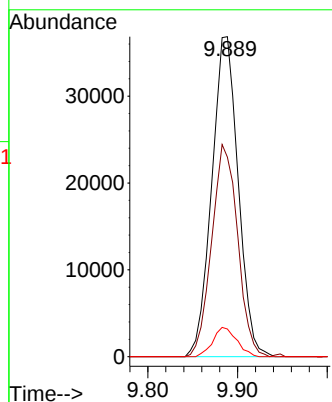
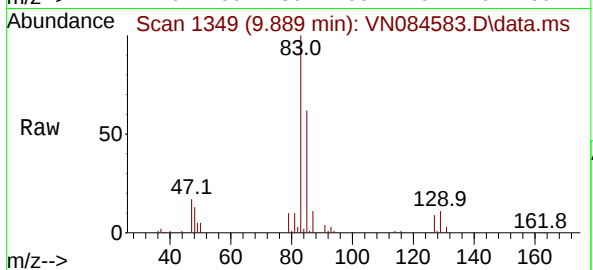
Tgt Ion: 83 Resp: 75413

Ion Ratio Lower Upper

83 100

85 62.3 51.5 77.3

127 8.6 5.7 8.5#



#48

Methyl methacrylate

Concen: 24.939 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

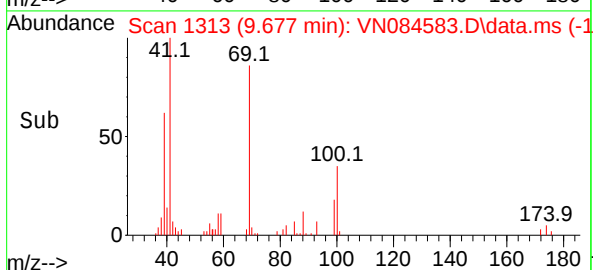
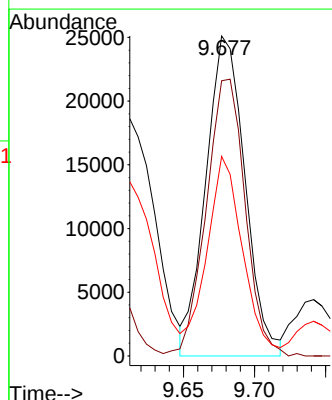
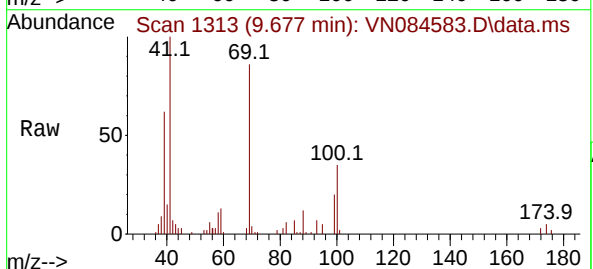
Tgt Ion: 41 Resp: 48143

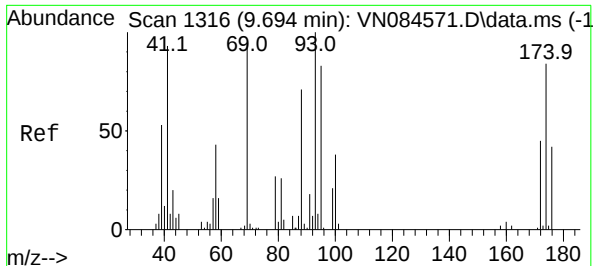
Ion Ratio Lower Upper

41 100

69 86.1 67.1 100.7

39 57.3 45.8 68.6

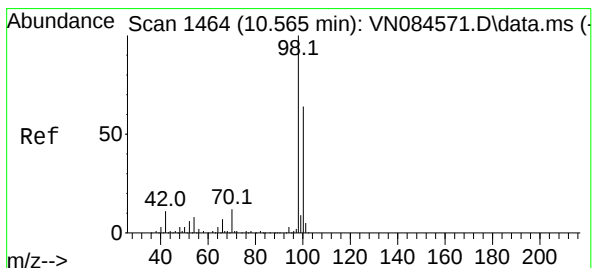
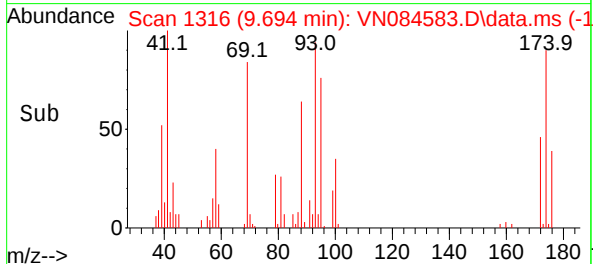
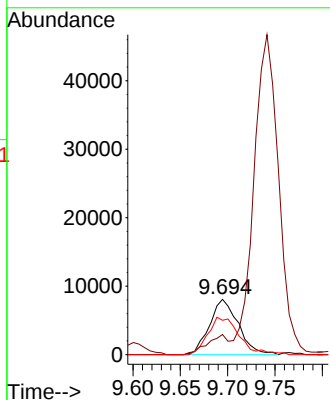
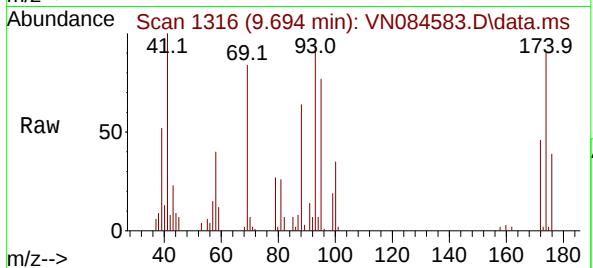




#49
1,4-Dioxane
Concen: 500.547 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

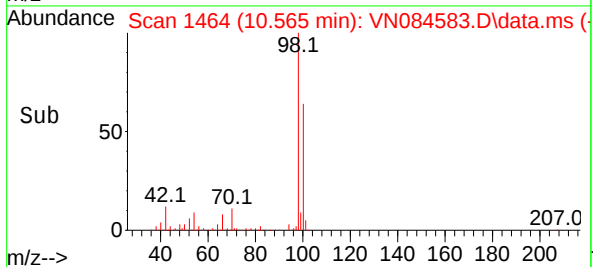
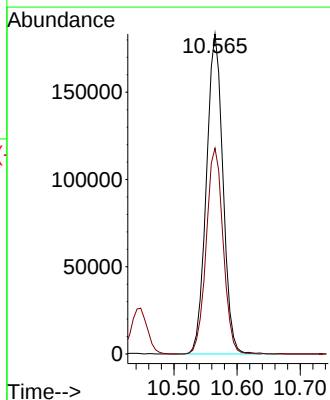
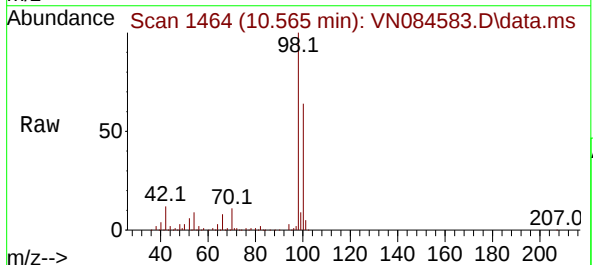
Instrument :
MSVOA_N
ClientSampleId :

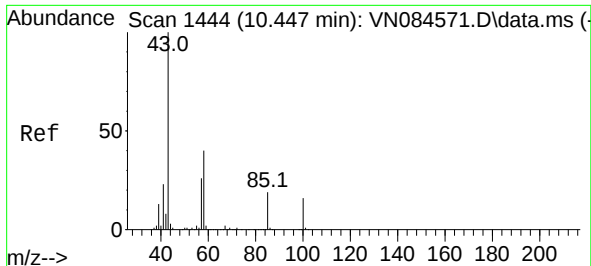
Tgt Ion: 88 Resp: 17123
Ion Ratio Lower Upper
88 100
43 25.9 25.3 37.9
58 73.9 56.4 84.6



#50
Toluene-d8
Concen: 46.011 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

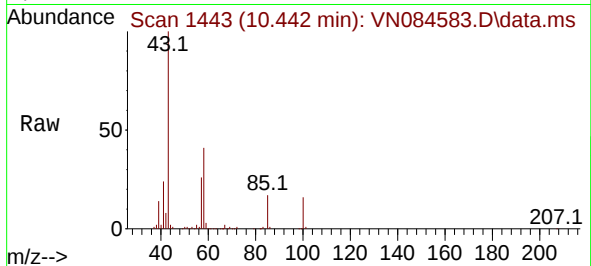
Tgt Ion: 98 Resp: 334104
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



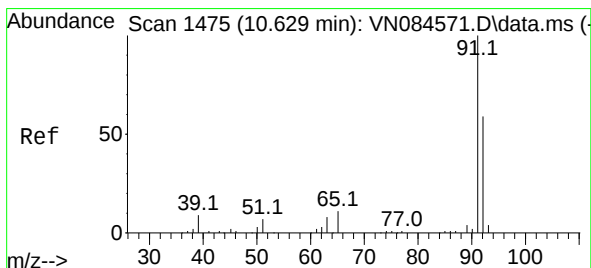
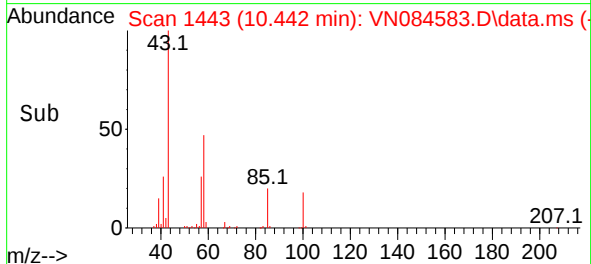
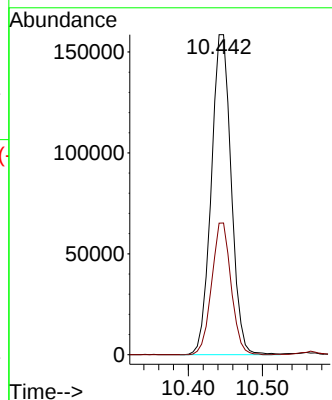


#51
4-Methyl-2-Pentanone
Concen: 125.341 ug/l
RT: 10.442 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Instrument :
MSVOA_N
ClientSampleId :

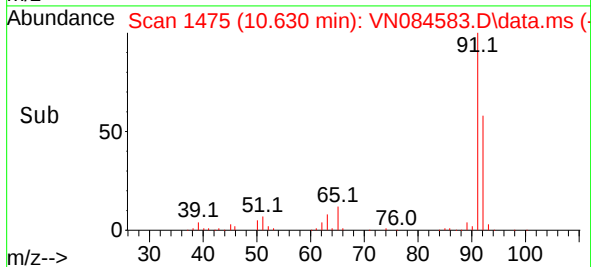
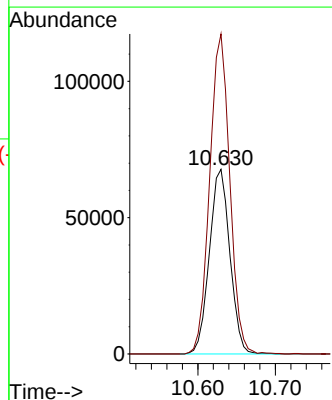
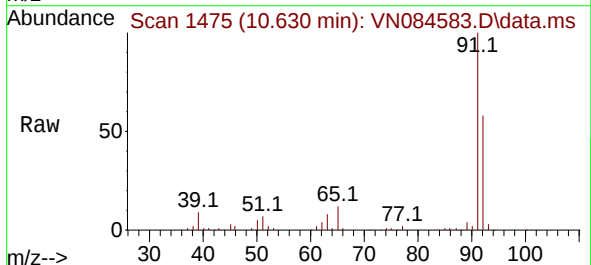


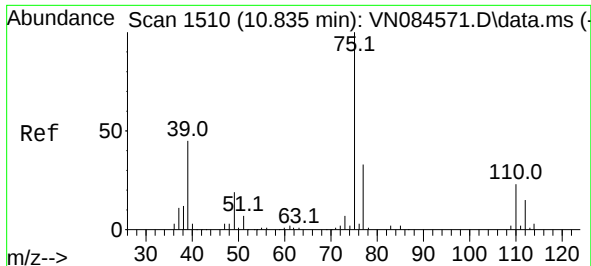
Tgt Ion: 43 Resp: 296378
Ion Ratio Lower Upper
43 100
58 40.1 31.6 47.4



#52
Toluene
Concen: 24.253 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 92 Resp: 124536
Ion Ratio Lower Upper
92 100
91 169.7 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 22.807 ug/l

RT: 10.836 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

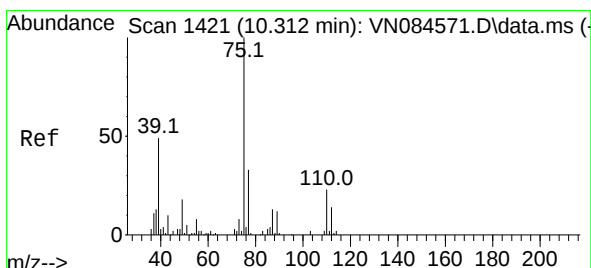
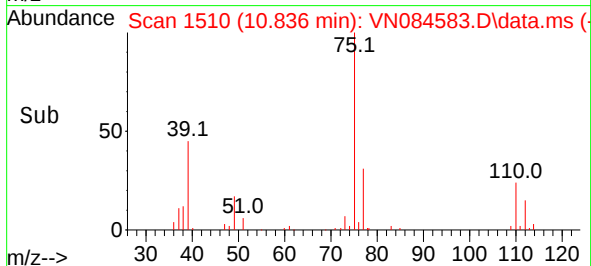
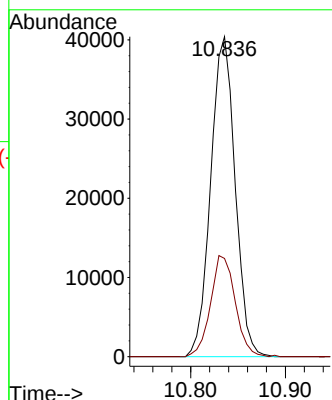
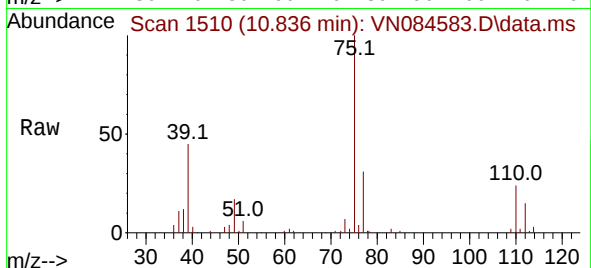
ClientSampleId :

Tgt Ion: 75 Resp: 72322

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 23.352 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

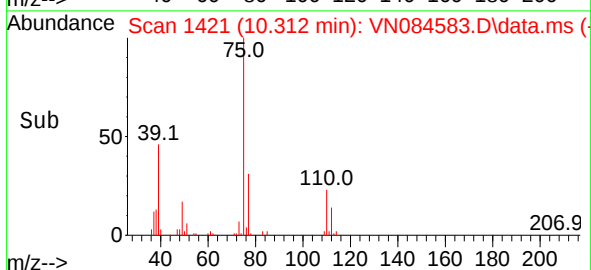
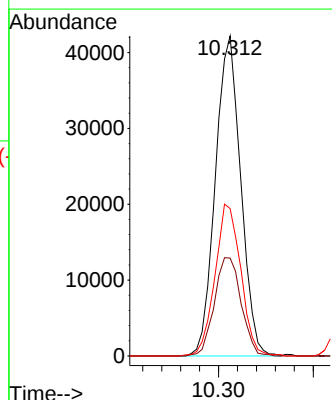
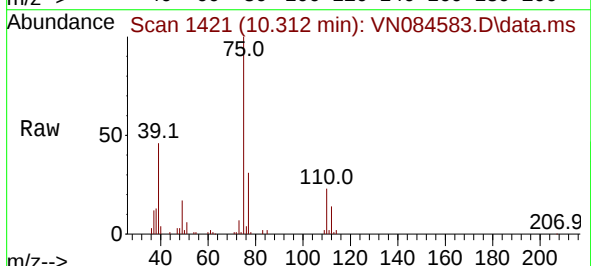
Tgt Ion: 75 Resp: 78371

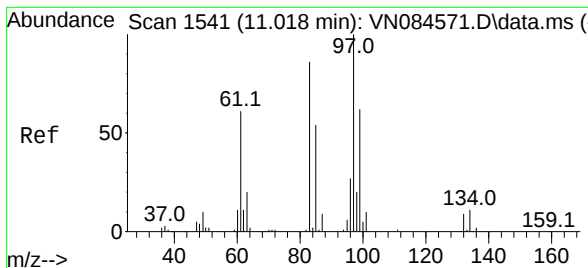
Ion Ratio Lower Upper

75 100

77 30.6 24.2 36.2

39 46.1 38.7 58.1



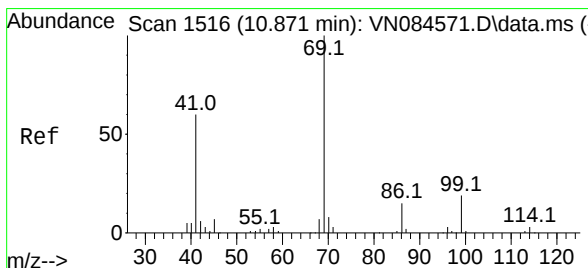
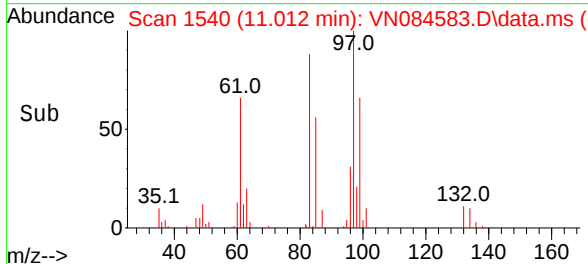
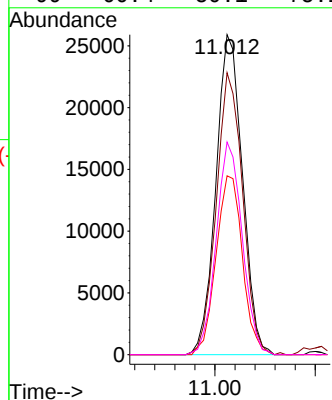
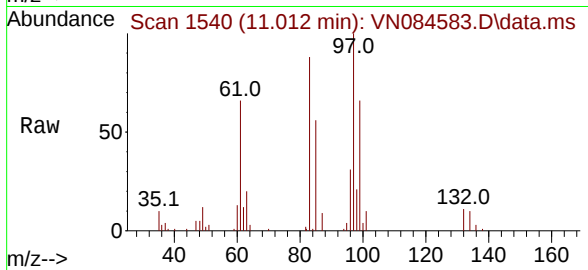


#55
1,1,2-Trichloroethane
Concen: 24.599 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 47580

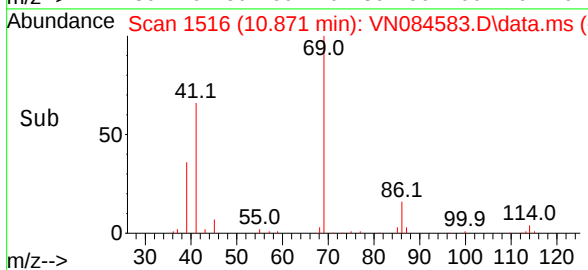
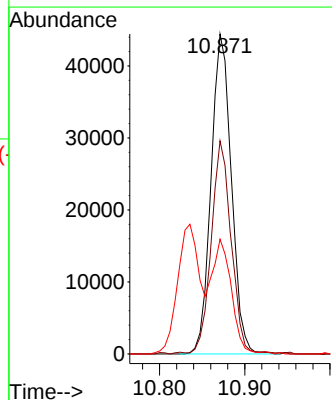
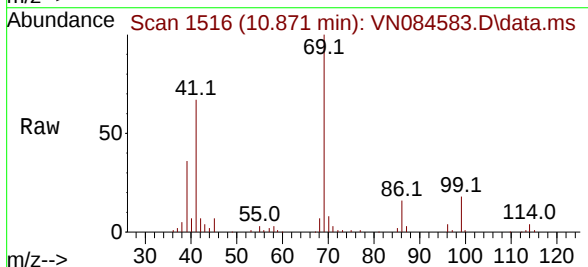
Ion	Ratio	Lower	Upper
97	100		
83	88.1	71.0	106.4
85	55.9	41.7	62.5
99	66.4	50.1	75.1

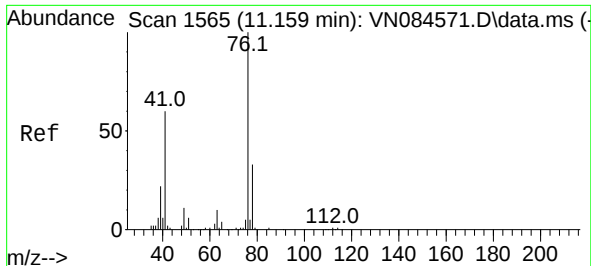


#56
Ethyl methacrylate
Concen: 26.271 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 69 Resp: 73499

Ion	Ratio	Lower	Upper
69	100		
41	65.7	53.3	79.9
39	35.0	28.8	43.2





#57

1,3-Dichloropropane

Concen: 24.744 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

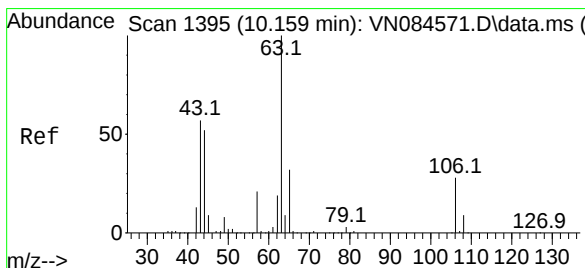
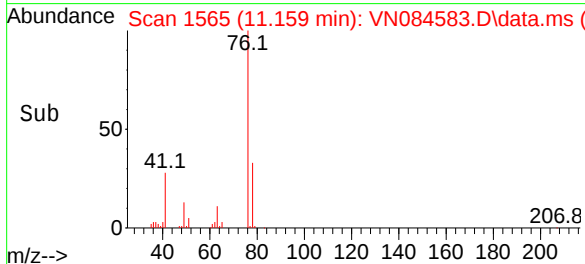
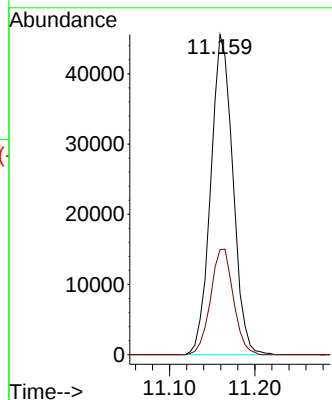
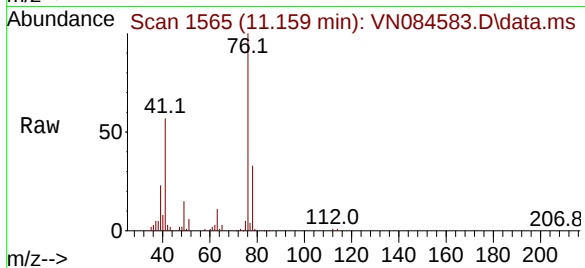
ClientSampleId :

Tgt Ion: 76 Resp: 82140

Ion Ratio Lower Upper

76 100

78 34.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 108.088 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084583.D

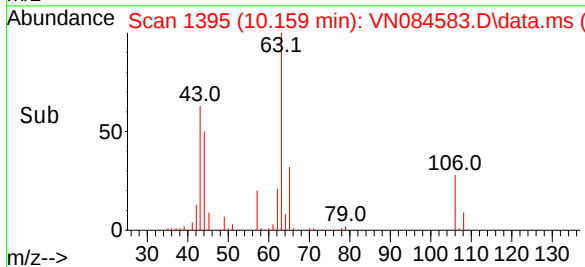
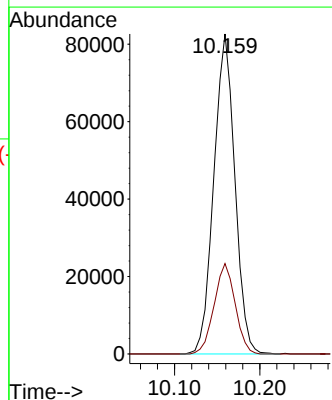
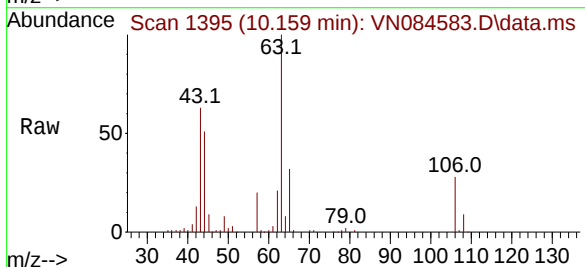
Acq: 30 Oct 2024 22:10

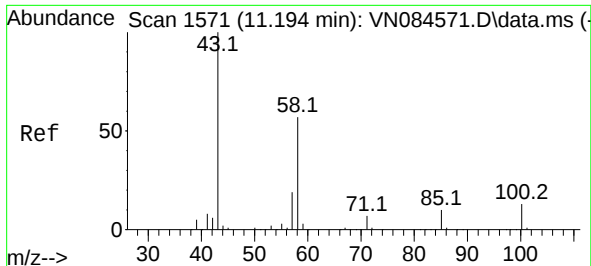
Tgt Ion: 63 Resp: 141505

Ion Ratio Lower Upper

63 100

106 28.3 21.8 32.6





#59

2-Hexanone

Concen: 125.117 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

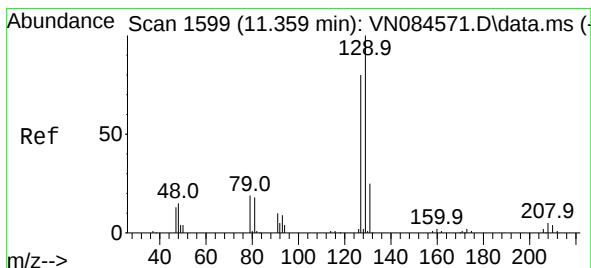
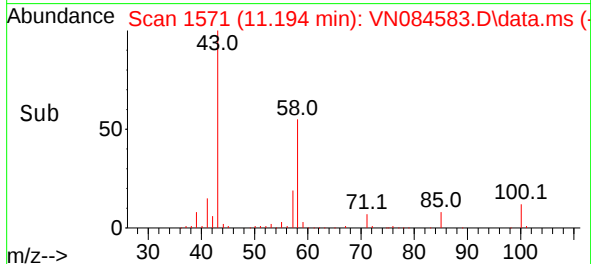
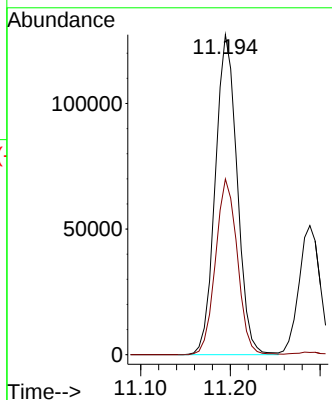
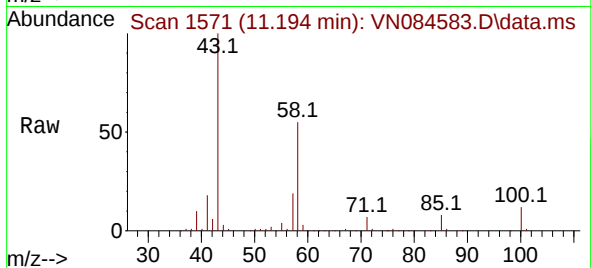
ClientSampleId :

Tgt Ion: 43 Resp: 215344

Ion Ratio Lower Upper

43 100

58 54.8 27.3 81.8



#60

Dibromochloromethane

Concen: 25.496 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084583.D

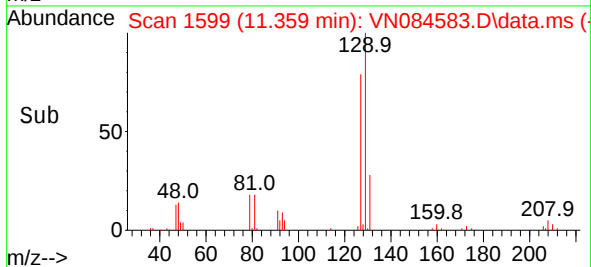
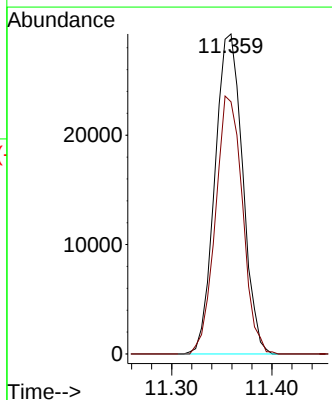
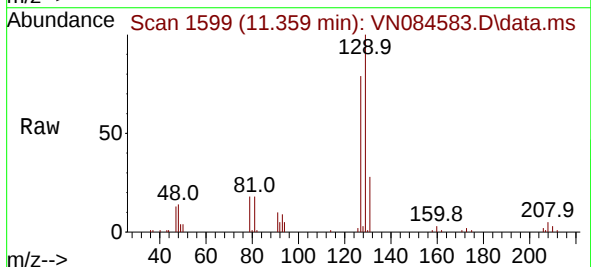
Acq: 30 Oct 2024 22:10

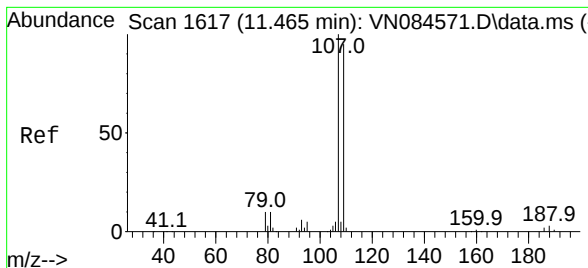
Tgt Ion:129 Resp: 56203

Ion Ratio Lower Upper

129 100

127 78.8 38.3 114.9





#61

1,2-Dibromoethane

Concen: 24.578 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

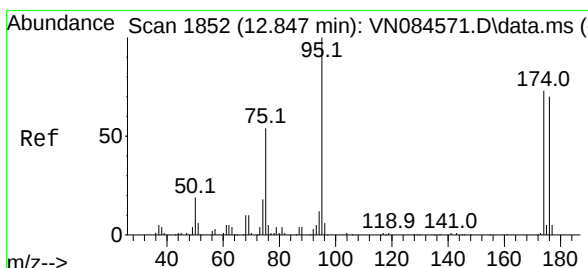
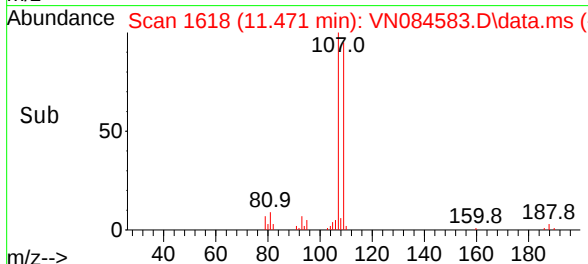
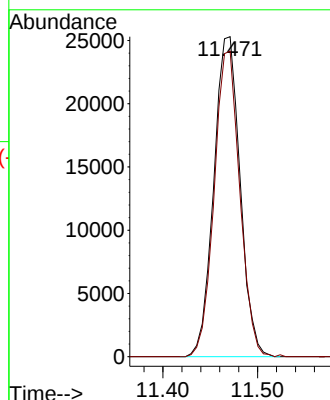
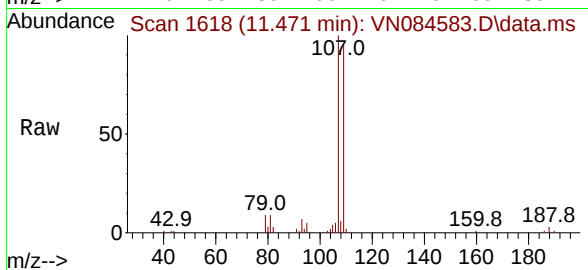
ClientSampleId :

Tgt Ion:107 Resp: 48681

Ion Ratio Lower Upper

107 100

109 93.3 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 45.660 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

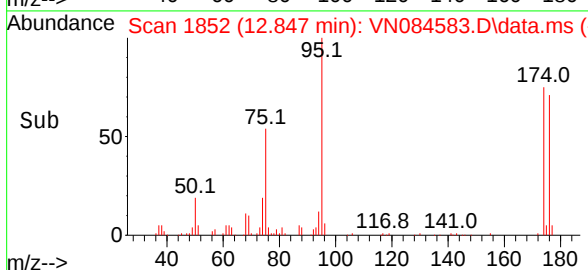
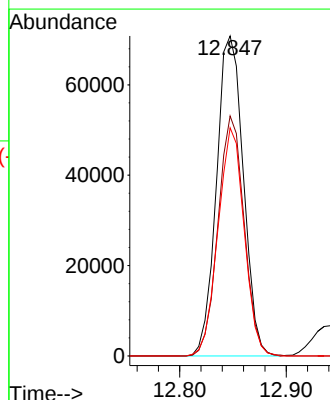
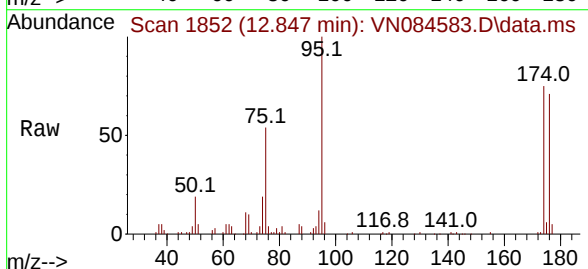
Tgt Ion: 95 Resp: 123912

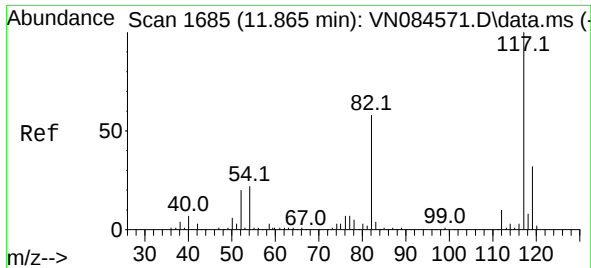
Ion Ratio Lower Upper

95 100

174 72.8 0.0 145.2

176 69.3 0.0 140.0

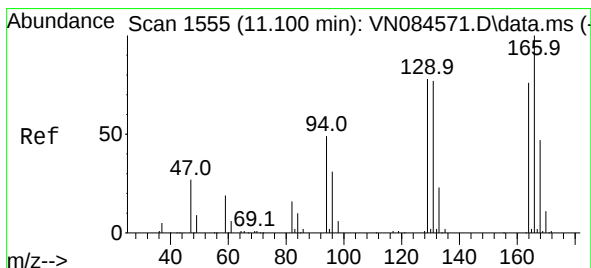
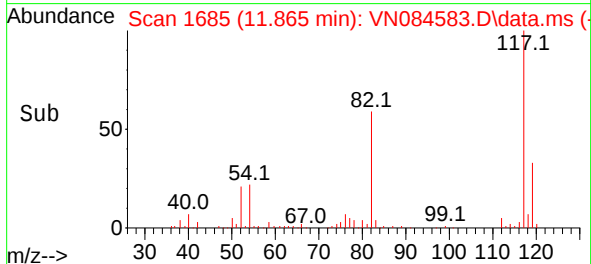
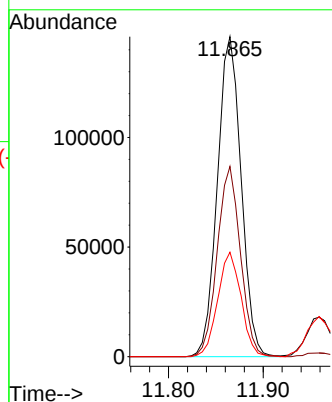
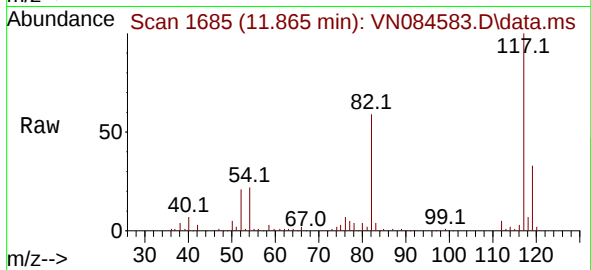




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

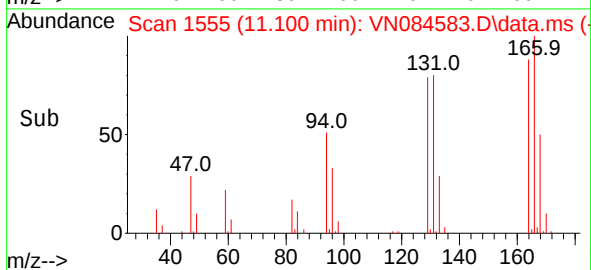
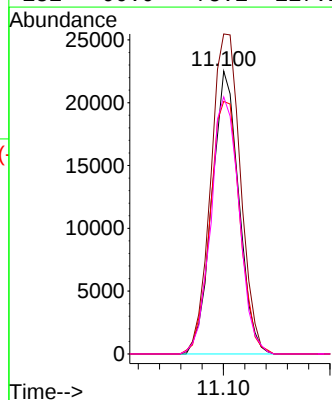
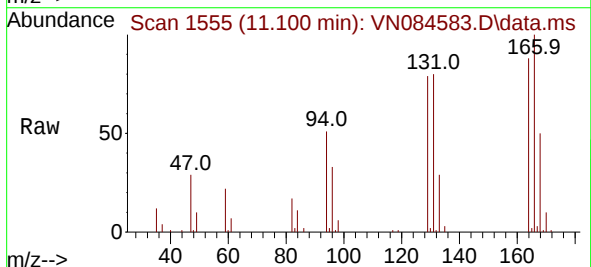
Instrument :
MSVOA_N
ClientSampleId :

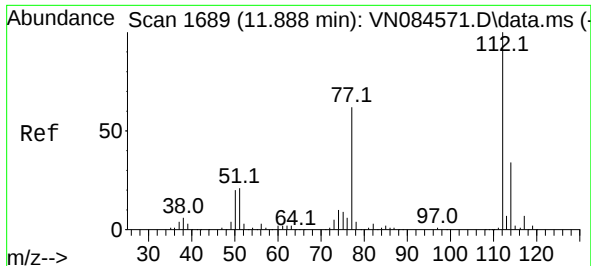
Tgt Ion:117 Resp: 254921
Ion Ratio Lower Upper
117 100
82 59.5 47.2 70.8
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 23.303 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion:164 Resp: 39513
Ion Ratio Lower Upper
164 100
166 113.1 101.0 151.4
129 89.3 80.8 121.2
131 90.9 78.1 117.1

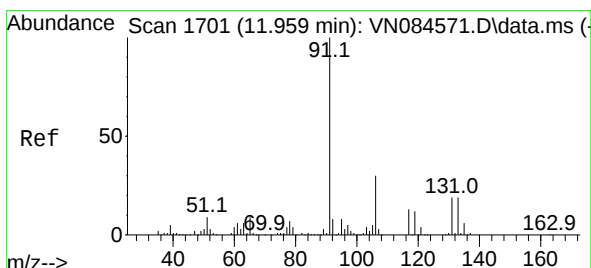
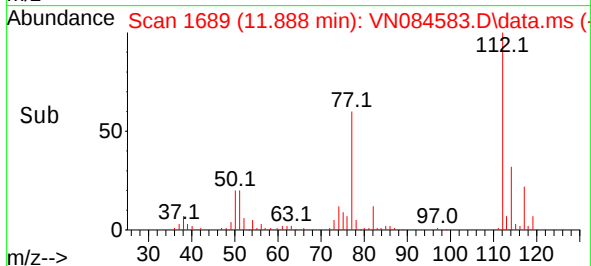
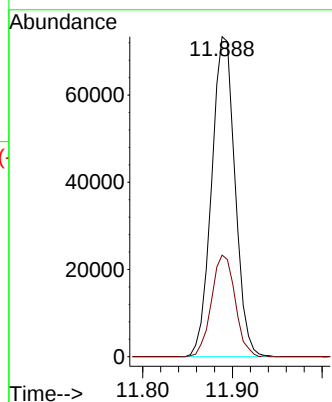
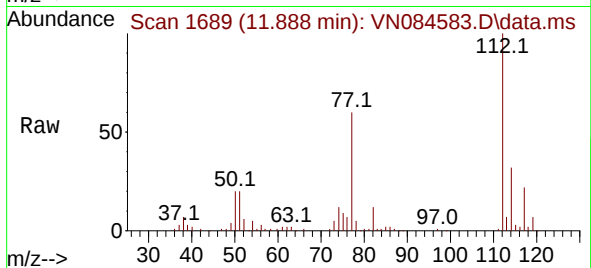




#65
Chlorobenzene
Concen: 23.298 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

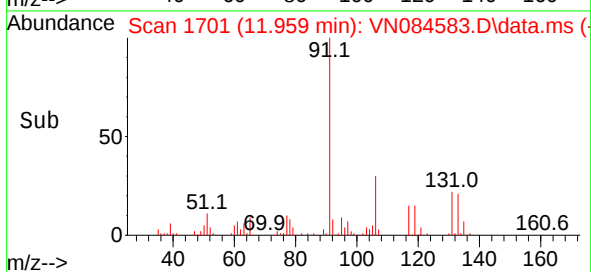
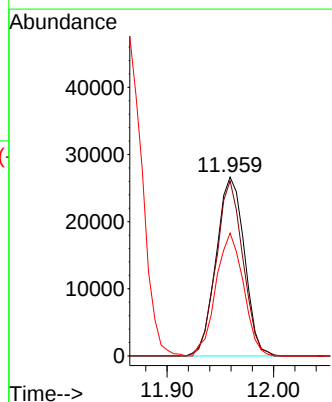
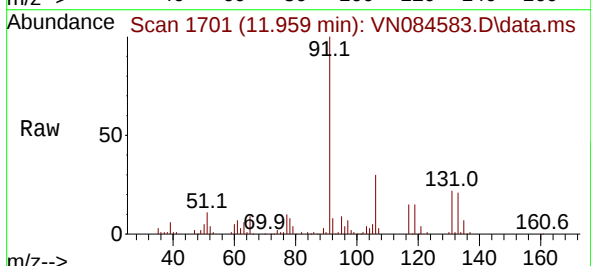
Instrument :
MSVOA_N
ClientSampleId :

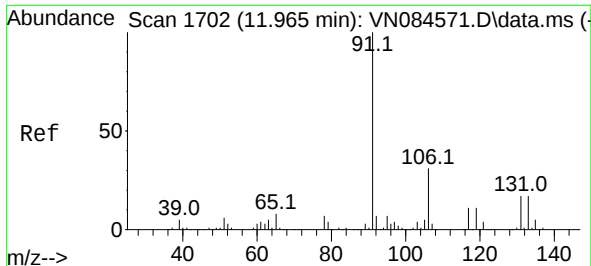
Tgt Ion:112 Resp: 132867
Ion Ratio Lower Upper
112 100
114 31.8 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 24.697 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion:131 Resp: 48991
Ion Ratio Lower Upper
131 100
133 93.1 47.9 143.7
119 67.3 32.8 98.3





#67

Ethyl Benzene

Concen: 22.576 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

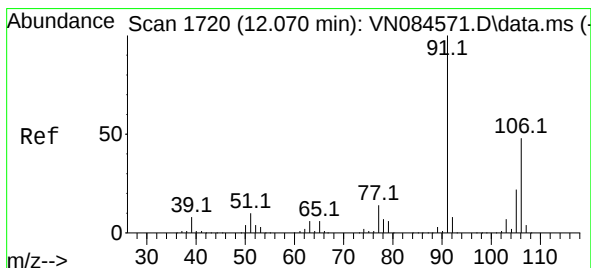
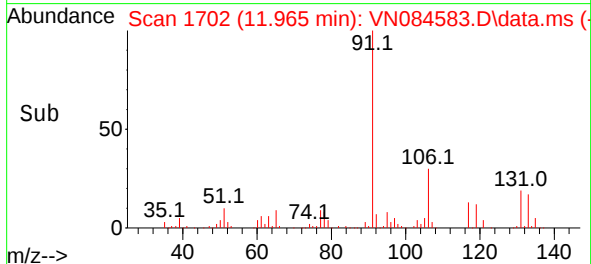
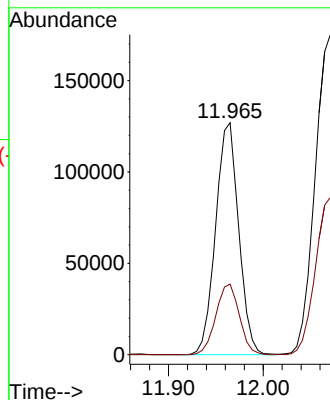
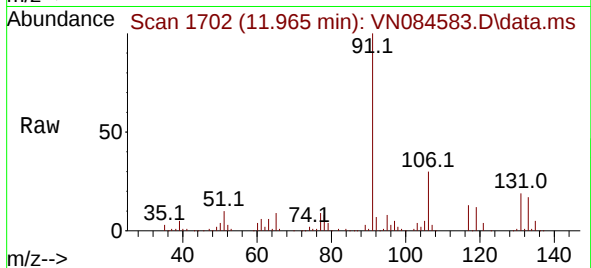
ClientSampleId :

Tgt Ion: 91 Resp: 214916

Ion Ratio Lower Upper

91 100

106 30.4 24.5 36.7



#68

m/p-Xylenes

Concen: 46.884 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN084583.D

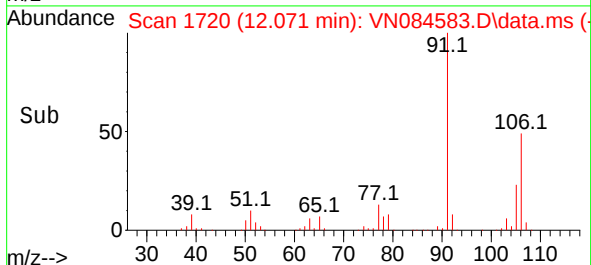
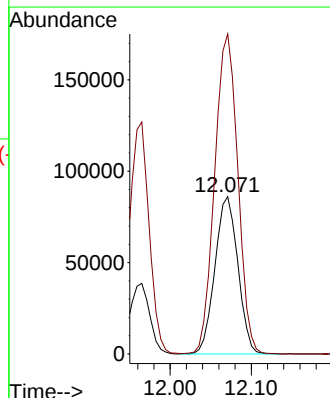
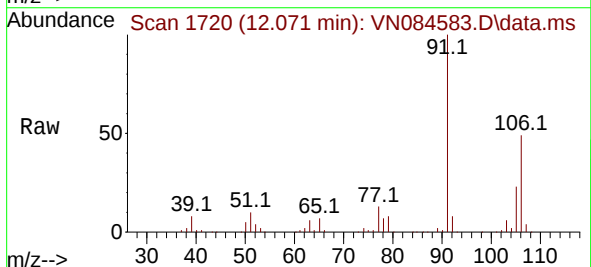
Acq: 30 Oct 2024 22:10

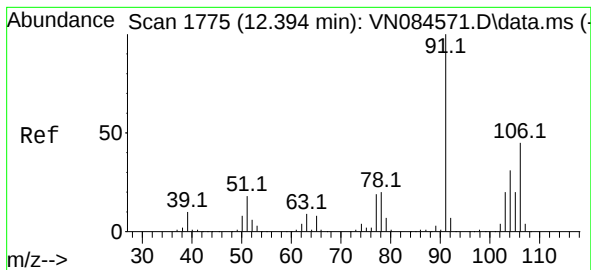
Tgt Ion:106 Resp: 168971

Ion Ratio Lower Upper

106 100

91 205.5 167.1 250.7





#69

o-Xylene

Concen: 24.308 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

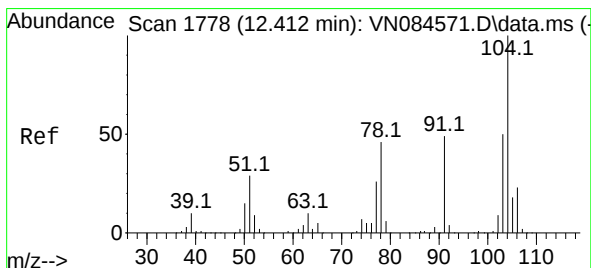
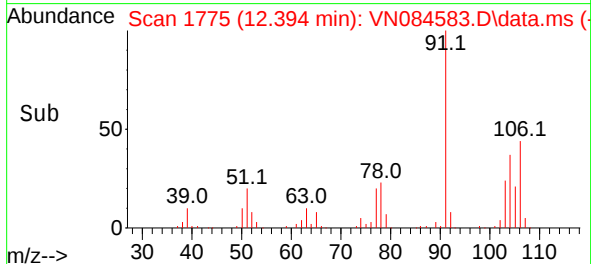
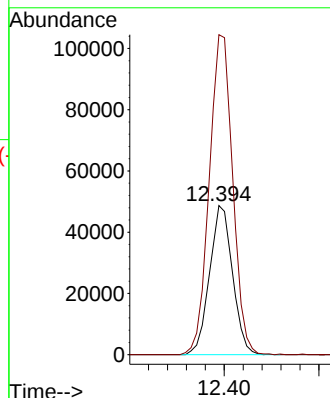
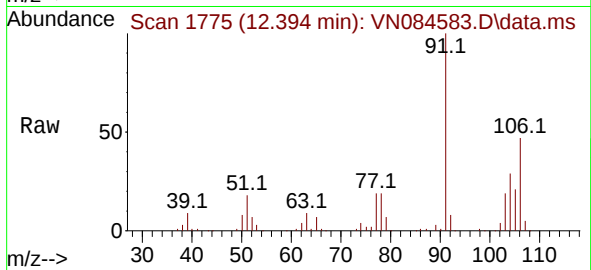
ClientSampleId :

Tgt Ion:106 Resp: 81955

Ion Ratio Lower Upper

106 100

91 219.1 110.2 330.6



#70

Styrene

Concen: 24.152 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

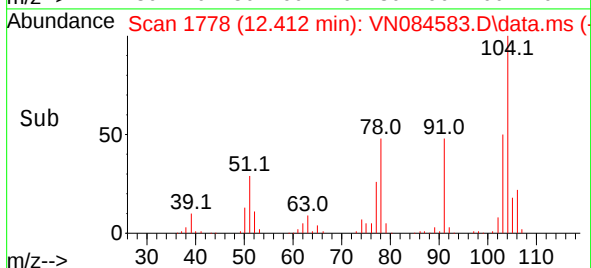
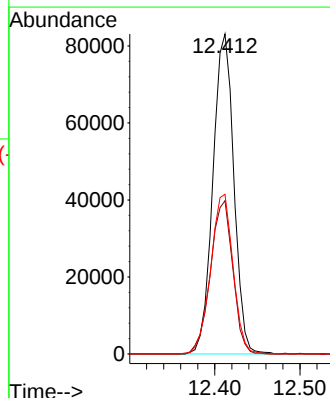
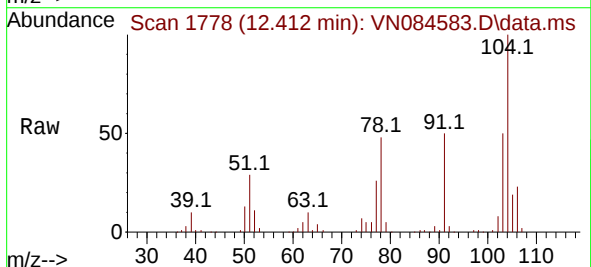
Tgt Ion:104 Resp: 142048

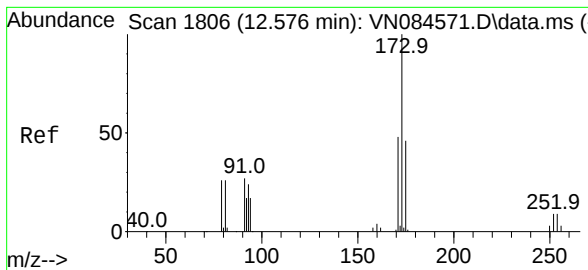
Ion Ratio Lower Upper

104 100

78 50.9 42.7 64.1

103 53.3 43.6 65.4

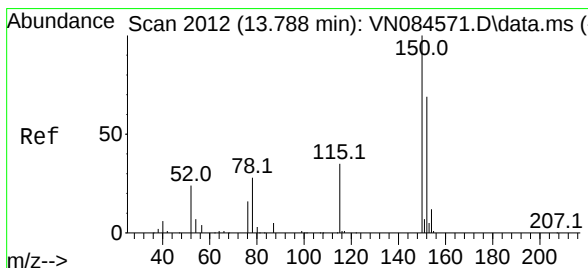
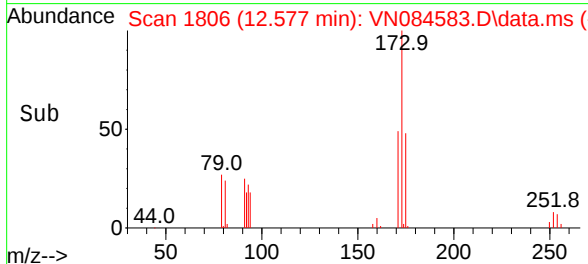
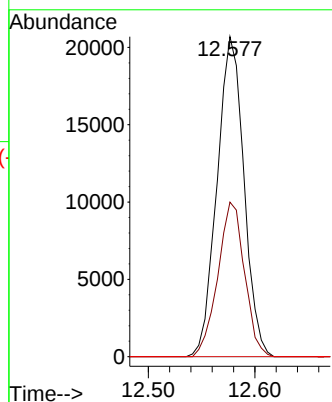
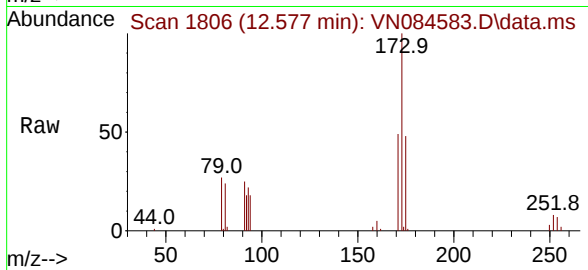




#71
 Bromoform
 Concen: 24.294 ug/l
 RT: 12.577 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN084583.D
 Acq: 30 Oct 2024 22:10

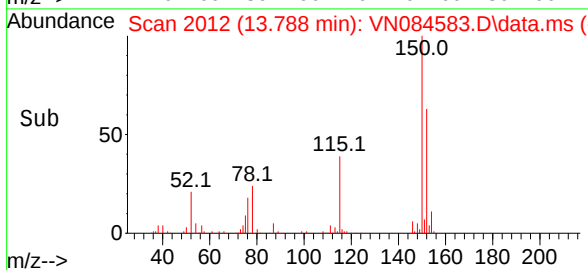
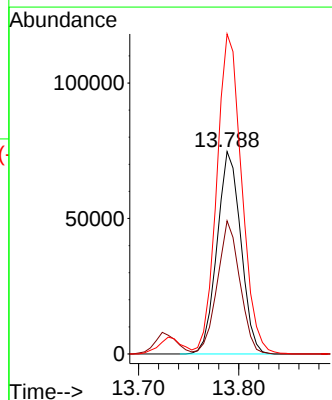
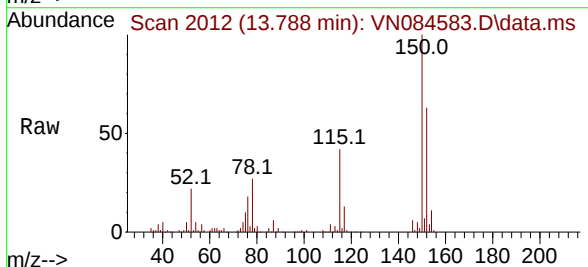
Instrument :
 MSVOA_N
 ClientSampleId :

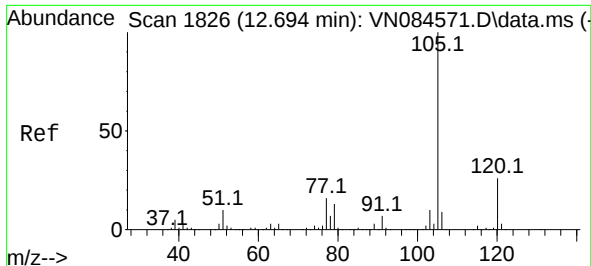
Tgt Ion:	173	Resp:	36263
Ion Ratio	Lower	Upper	
173	100		
175	47.8	23.5	70.6
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084583.D
 Acq: 30 Oct 2024 22:10

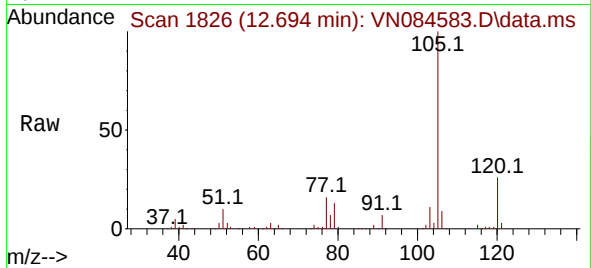
Tgt Ion:	152	Resp:	122841
Ion Ratio	Lower	Upper	
152	100		
115	62.8	31.3	93.9
150	166.1	0.0	349.8



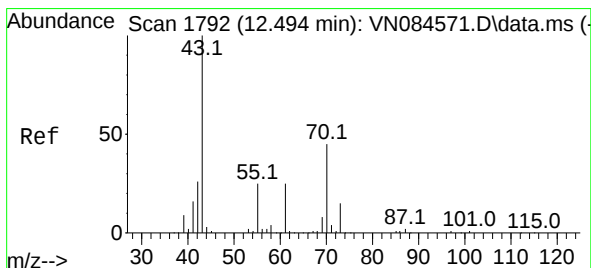
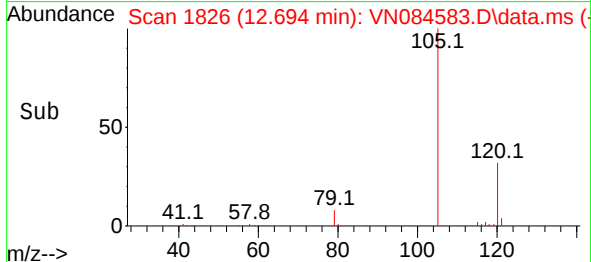
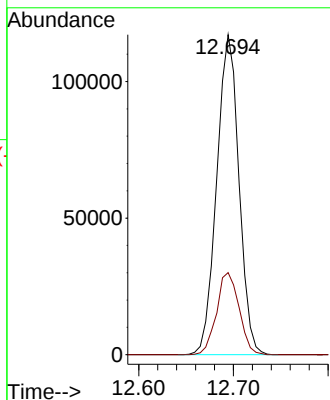


#73
Isopropylbenzene
Concen: 22.190 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Instrument :
MSVOA_N
ClientSampleId :

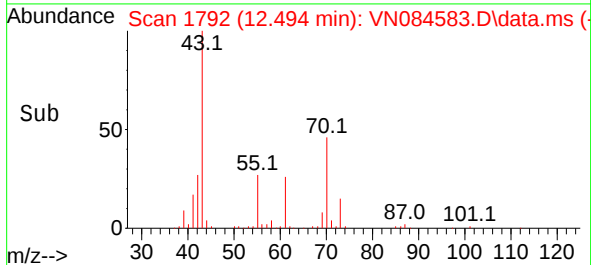
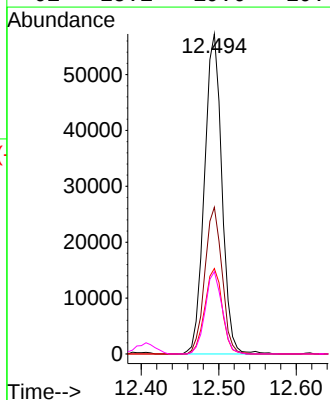
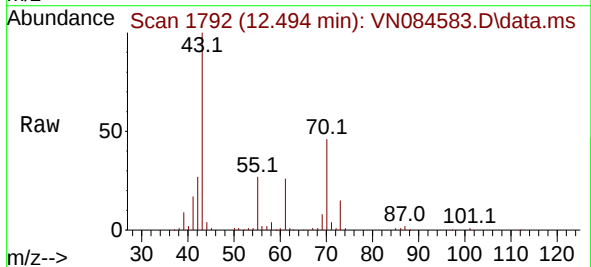


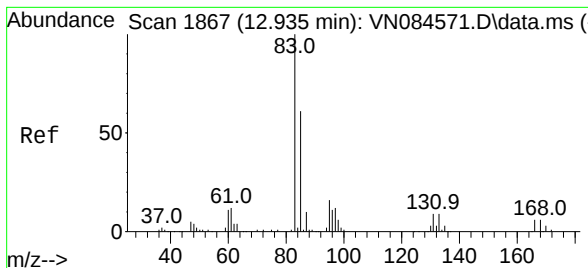
Tgt Ion:105 Resp: 191024
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 24.416 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 43 Resp: 89457
Ion Ratio Lower Upper
43 100
70 45.2 34.4 51.6
55 26.6 19.6 29.4
61 25.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 23.621 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

ClientSampleId :

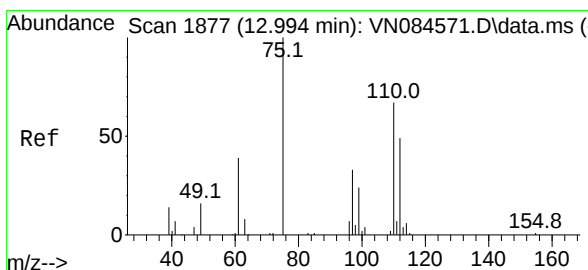
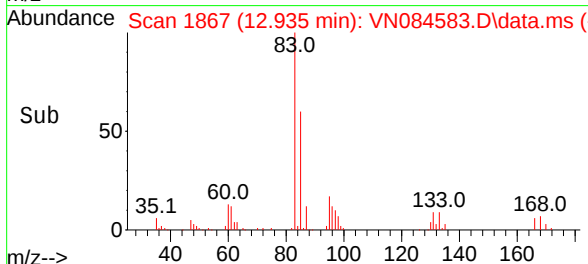
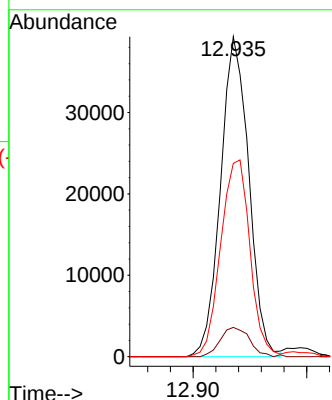
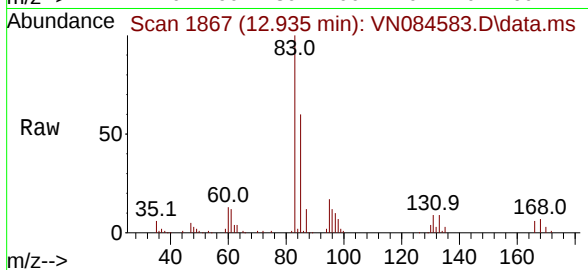
Tgt Ion: 83 Resp: 67873

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 35.820 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN084583.D

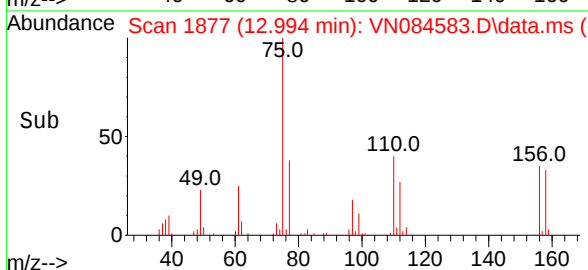
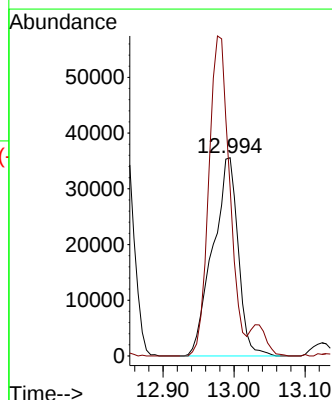
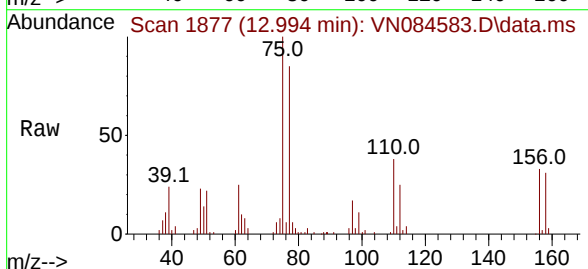
Acq: 30 Oct 2024 22:10

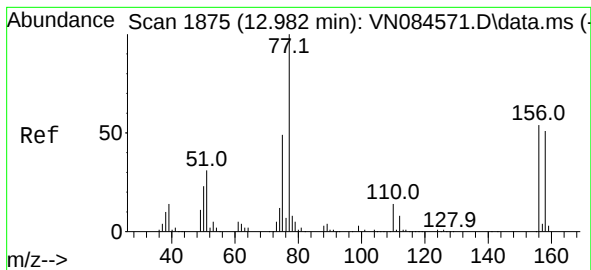
Tgt Ion: 75 Resp: 87956

Ion Ratio Lower Upper

75 100

77 133.0 96.9 290.7





#77

Bromobenzene

Concen: 23.161 ug/l

RT: 12.977 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

ClientSampleId :

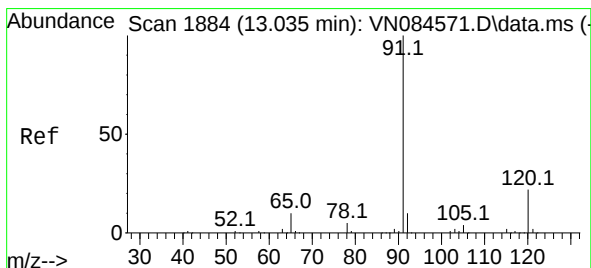
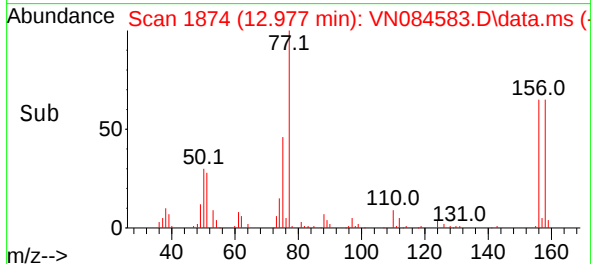
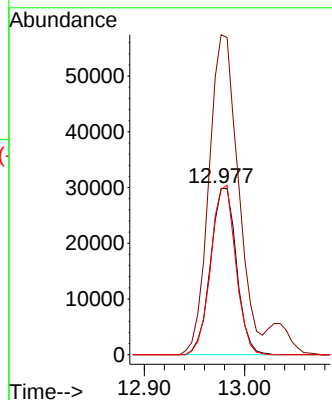
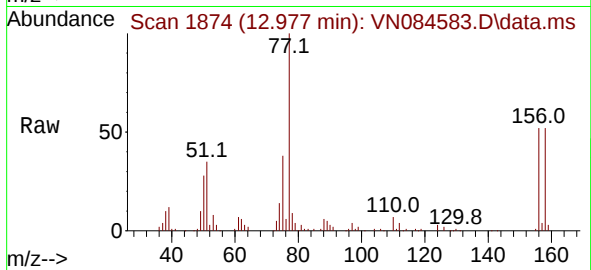
Tgt Ion:156 Resp: 53598

Ion Ratio Lower Upper

156 100

77 218.2 115.1 345.3

158 97.7 48.9 146.8



#78

n-propylbenzene

Concen: 22.091 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084583.D

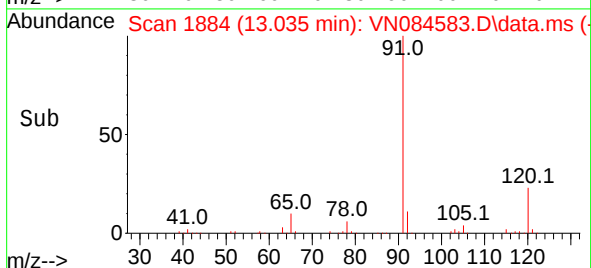
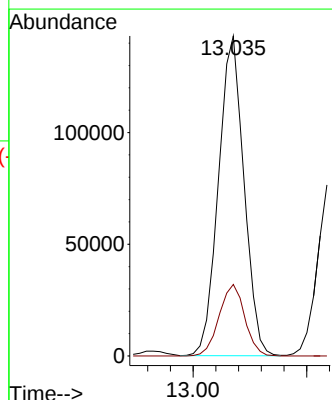
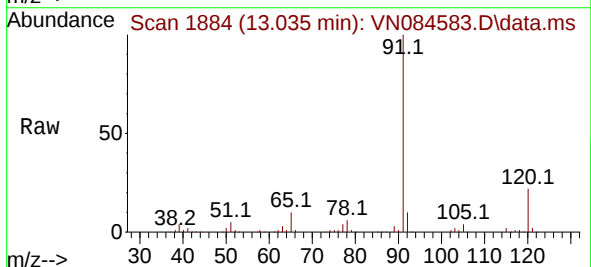
Acq: 30 Oct 2024 22:10

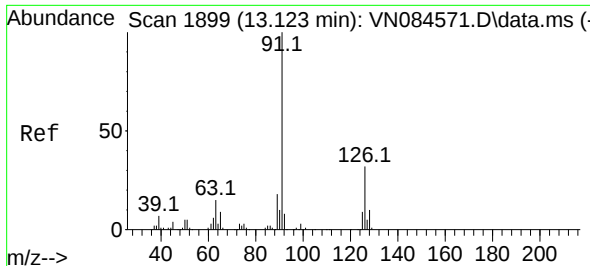
Tgt Ion: 91 Resp: 222840

Ion Ratio Lower Upper

91 100

120 22.4 10.8 32.4

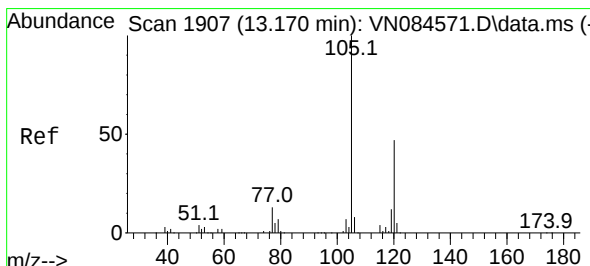
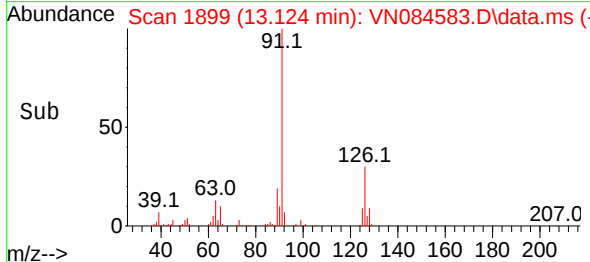
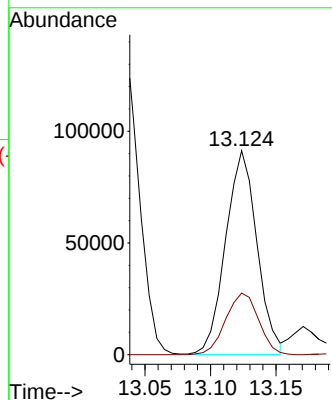
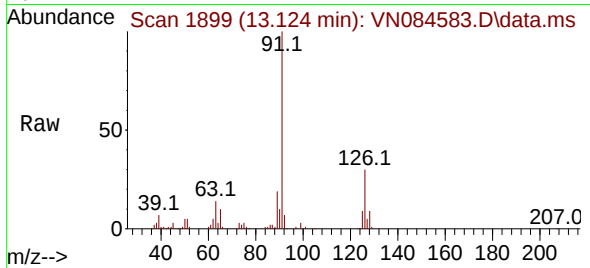




#79
2-Chlorotoluene
Concen: 23.013 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

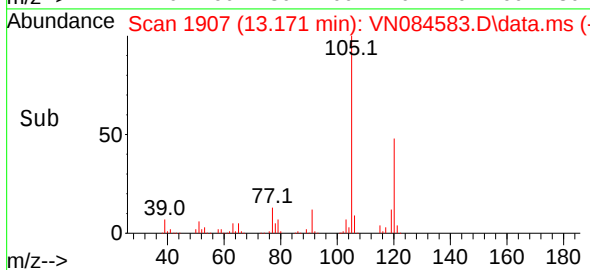
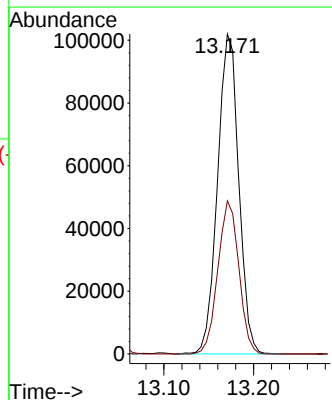
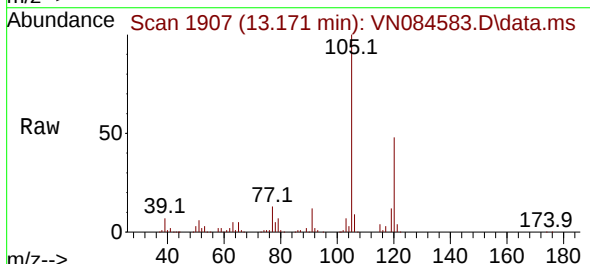
Instrument :
MSVOA_N
ClientSampleId :

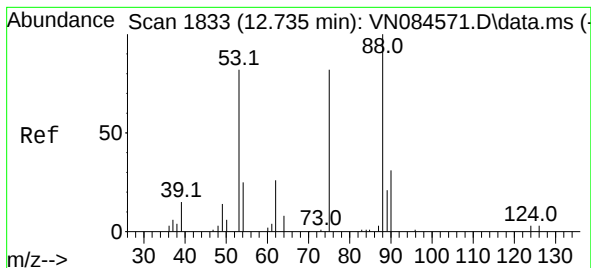
Tgt Ion: 91 Resp: 151685
Ion Ratio Lower Upper
91 100
126 31.7 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 23.436 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion:105 Resp: 167212
Ion Ratio Lower Upper
105 100
120 47.3 23.7 71.1

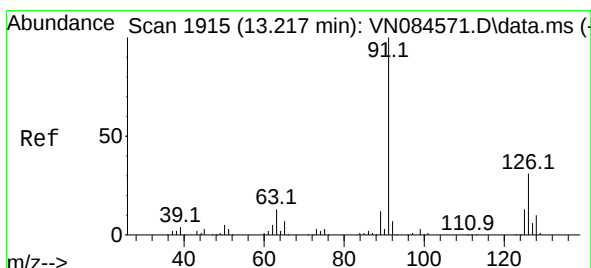
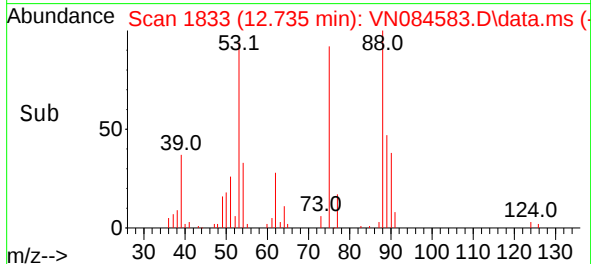
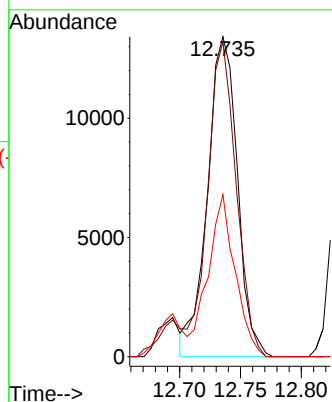
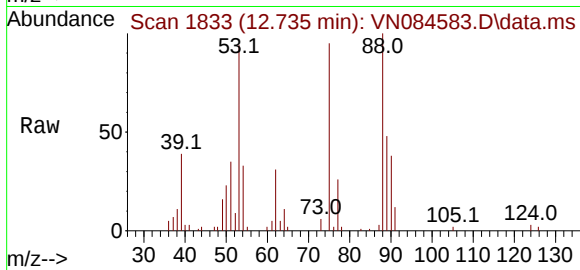




#81
trans-1,4-Dichloro-2-butene
Concen: 22.204 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

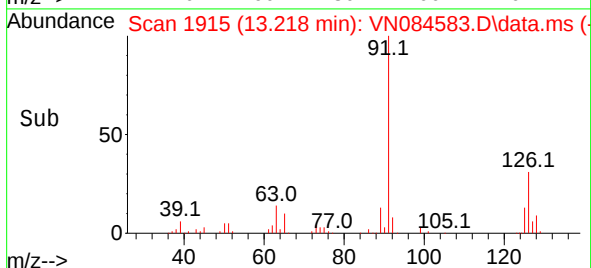
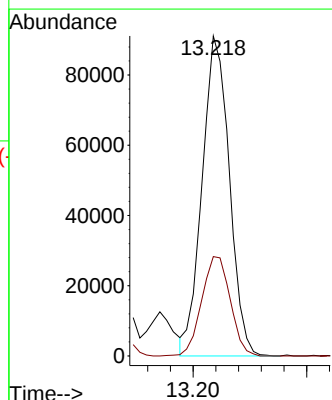
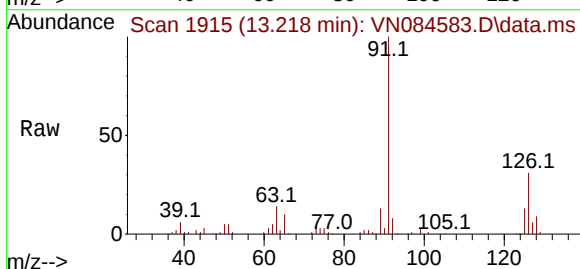
Instrument :
MSVOA_N
ClientSampleId :

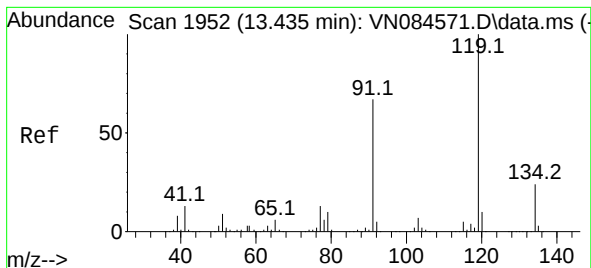
Tgt Ion: 75 Resp: 22982
Ion Ratio Lower Upper
75 100
53 92.7 78.0 117.0
89 46.0 35.5 53.3



#82
4-Chlorotoluene
Concen: 21.866 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion: 91 Resp: 151677
Ion Ratio Lower Upper
91 100
126 32.6 15.7 47.1





#83

tert-Butylbenzene

Concen: 22.174 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

ClientSampleId :

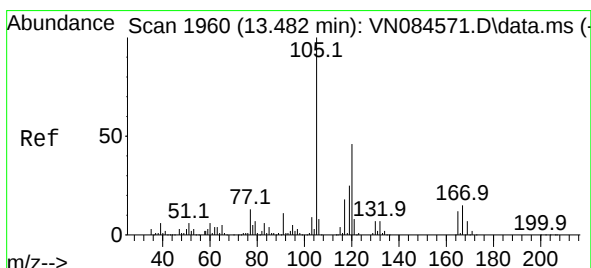
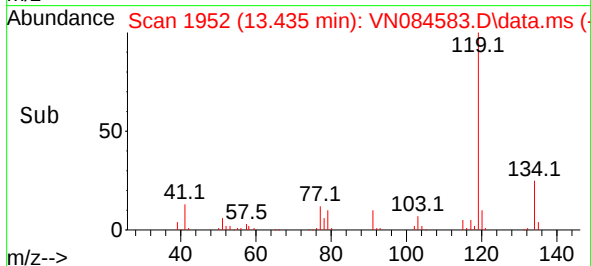
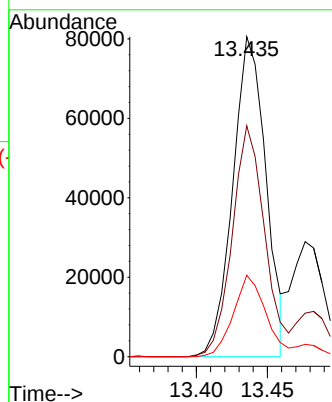
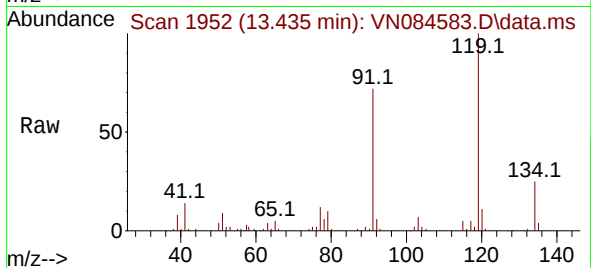
Tgt Ion:119 Resp: 130937

Ion Ratio Lower Upper

119 100

91 71.0 34.1 102.3

134 24.9 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 23.736 ug/l

RT: 13.483 min Scan# 1960

Delta R.T. 0.001 min

Lab File: VN084583.D

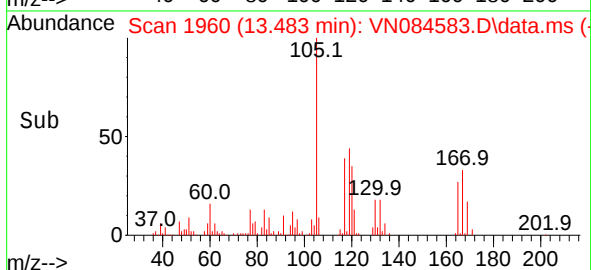
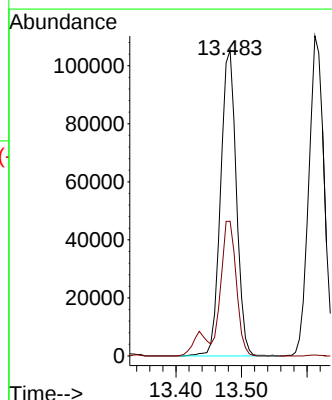
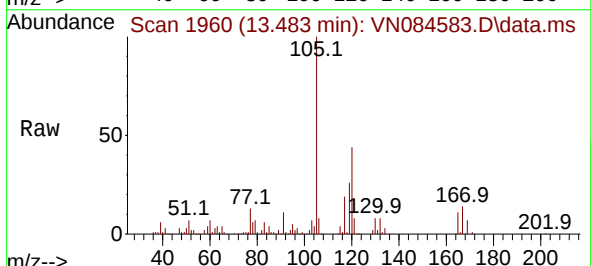
Acq: 30 Oct 2024 22:10

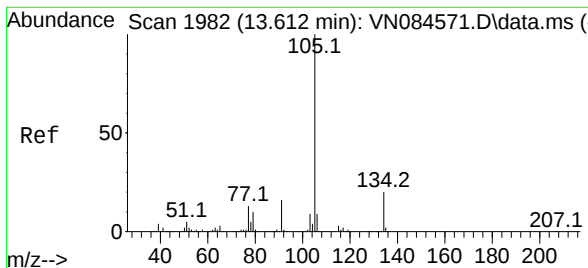
Tgt Ion:105 Resp: 174786

Ion Ratio Lower Upper

105 100

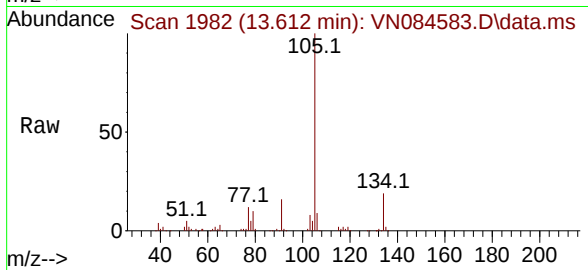
120 42.9 22.3 66.8



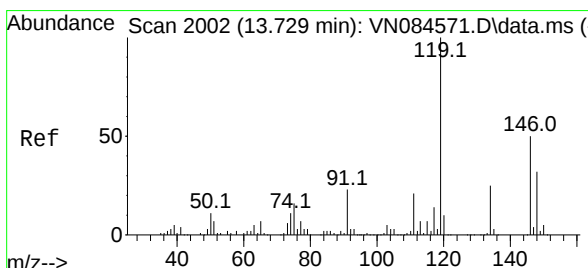
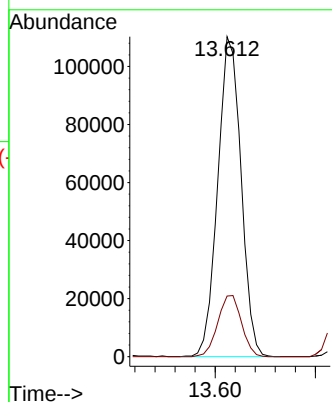
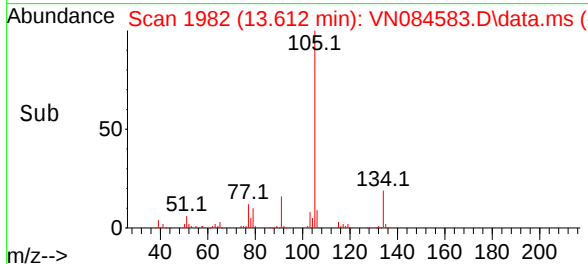


#85
 sec-Butylbenzene
 Concen: 21.292 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084583.D
 Acq: 30 Oct 2024 22:10

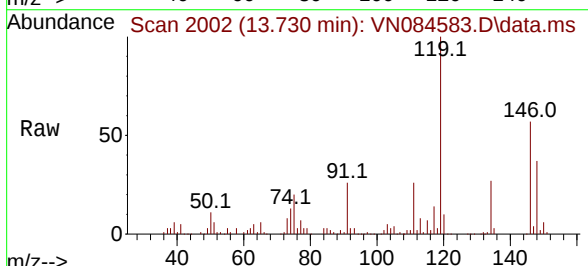
Instrument :
 MSVOA_N
 ClientSampleId :



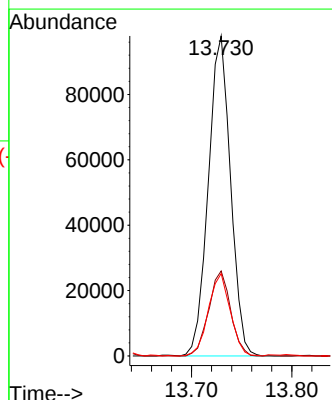
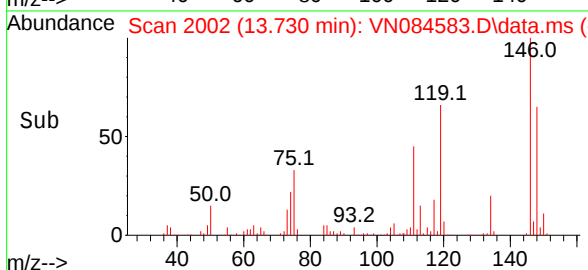
Tgt Ion:105 Resp: 177601
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

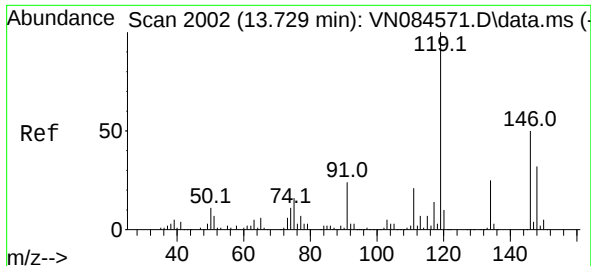


#86
 p-Isopropyltoluene
 Concen: 22.062 ug/l
 RT: 13.730 min Scan# 2002
 Delta R.T. 0.001 min
 Lab File: VN084583.D
 Acq: 30 Oct 2024 22:10



Tgt Ion:119 Resp: 150919
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 25.3 12.4 37.2

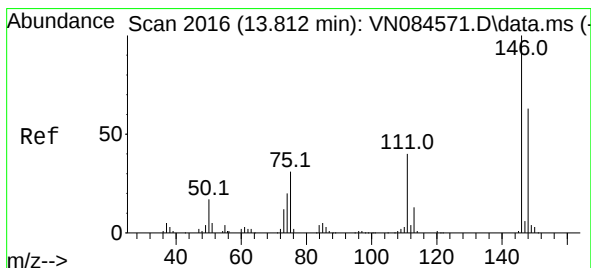
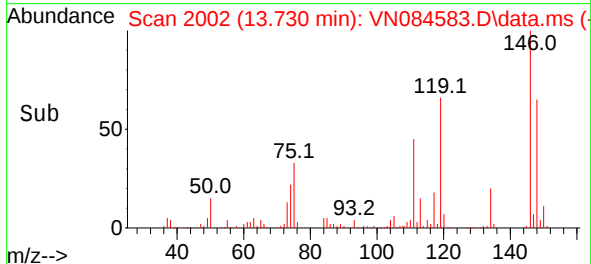
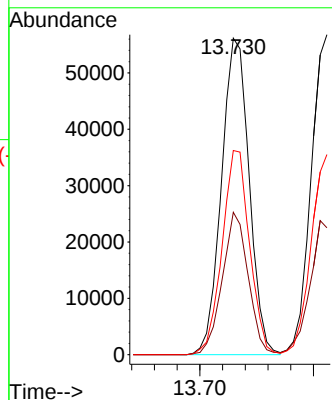
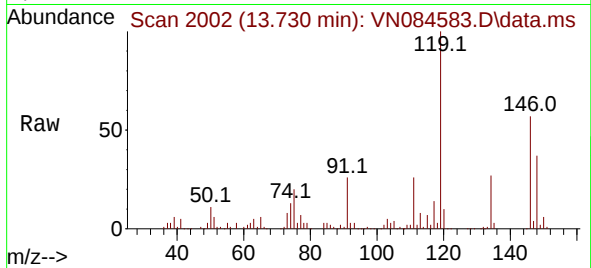




#87
1,3-Dichlorobenzene
Concen: 21.057 ug/l
RT: 13.730 min Scan# 2002
Delta R.T. 0.001 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

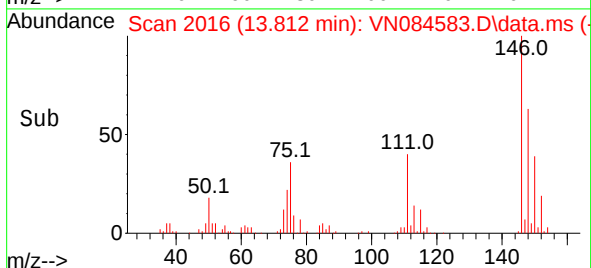
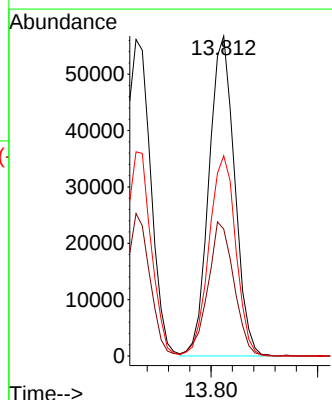
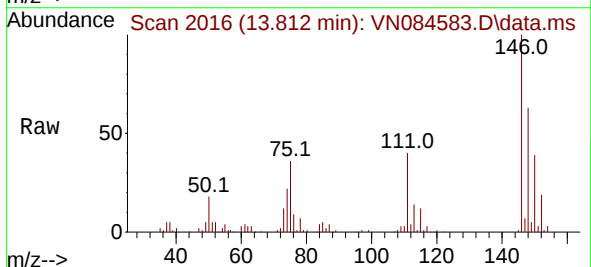
Instrument :
MSVOA_N
ClientSampleId :

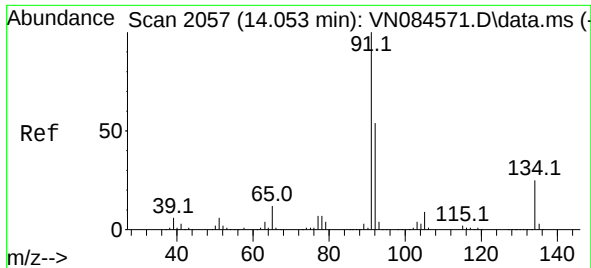
Tgt Ion:146 Resp: 95102
Ion Ratio Lower Upper
146 100
111 42.2 21.8 65.3
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 22.262 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

Tgt Ion:146 Resp: 94930
Ion Ratio Lower Upper
146 100
111 42.6 21.2 63.6
148 65.0 31.9 95.9





#89

n-Butylbenzene

Concen: 19.085 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

ClientSampleId :

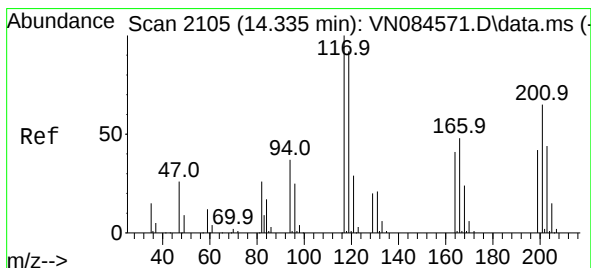
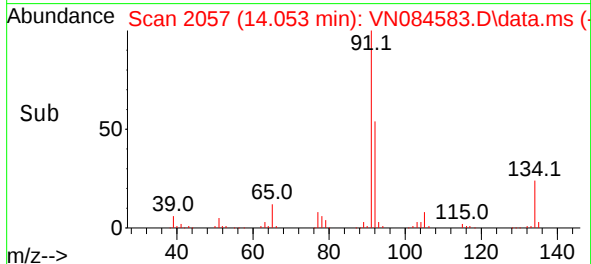
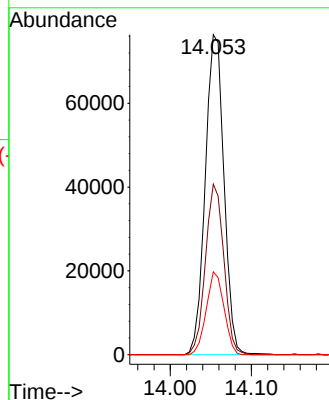
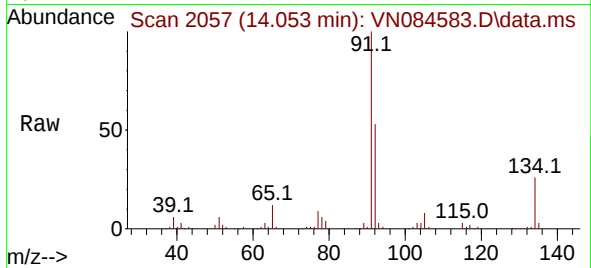
Tgt Ion: 91 Resp: 122126

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 24.5 12.3 36.9



#90

Hexachloroethane

Concen: 19.859 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN084583.D

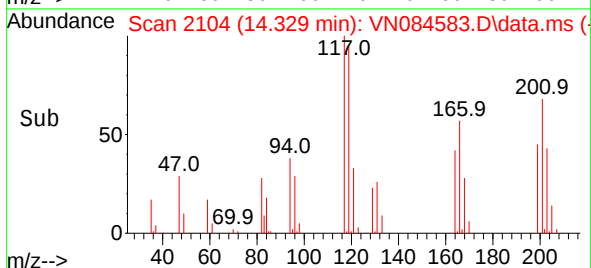
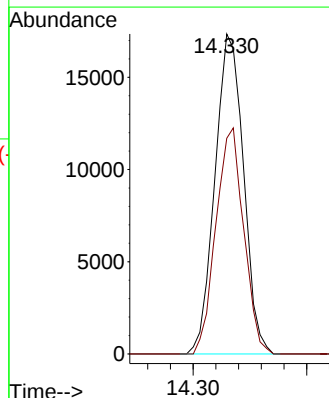
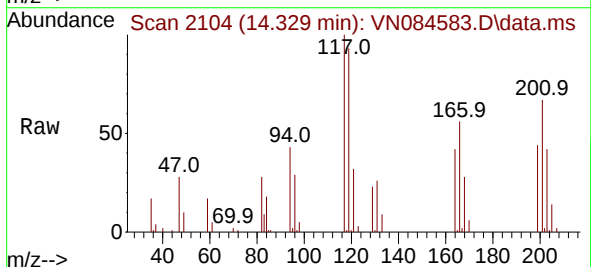
Acq: 30 Oct 2024 22:10

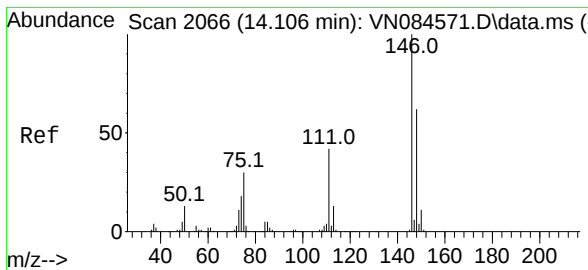
Tgt Ion: 117 Resp: 30295

Ion Ratio Lower Upper

117 100

201 68.7 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 22.394 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

ClientSampleId :

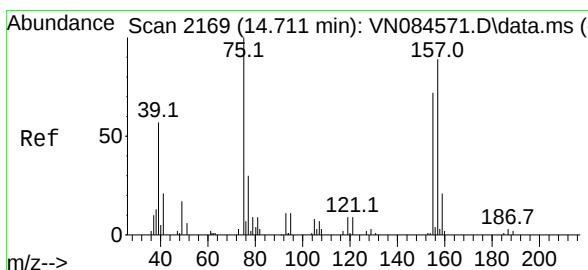
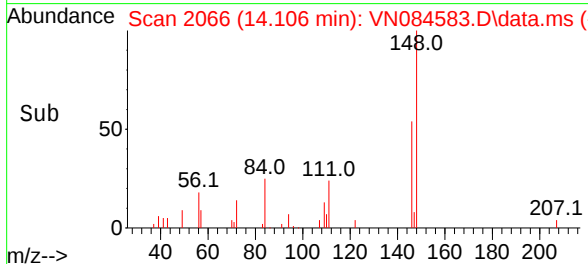
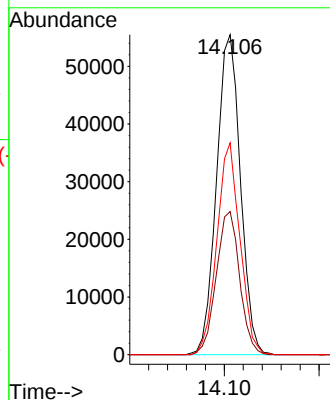
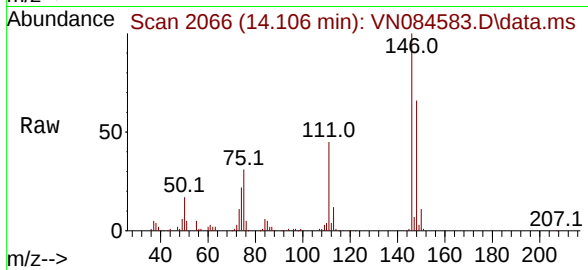
Tgt Ion:146 Resp: 97188

Ion Ratio Lower Upper

146 100

111 43.8 22.0 66.0

148 63.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.951 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

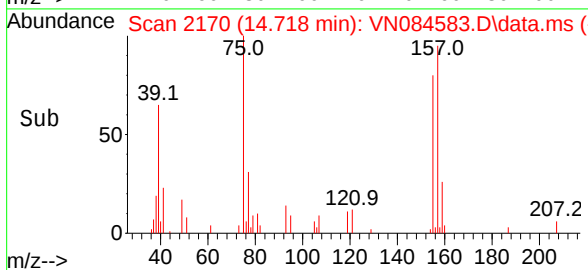
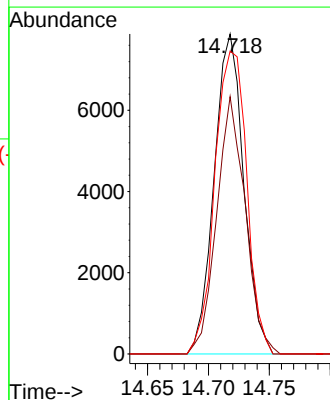
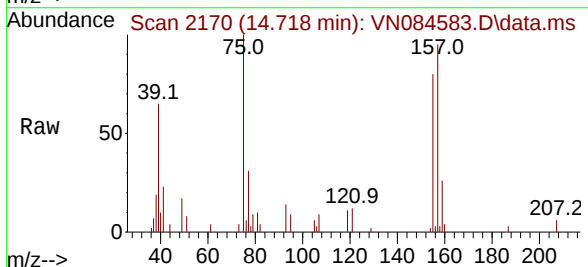
Tgt Ion: 75 Resp: 13360

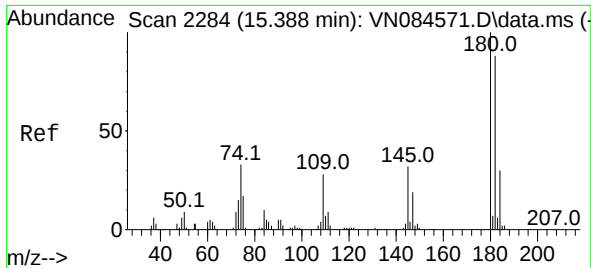
Ion Ratio Lower Upper

75 100

155 77.6 38.1 114.5

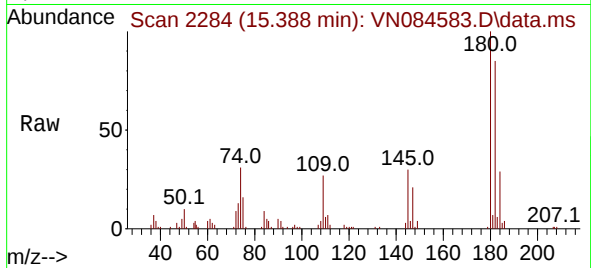
157 101.8 49.6 149.0



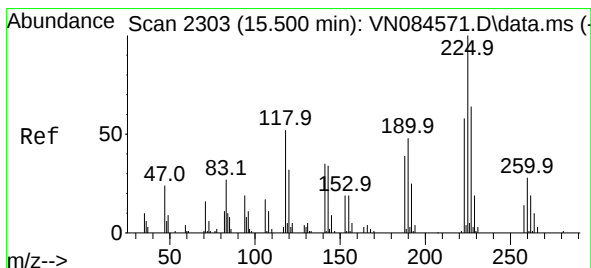
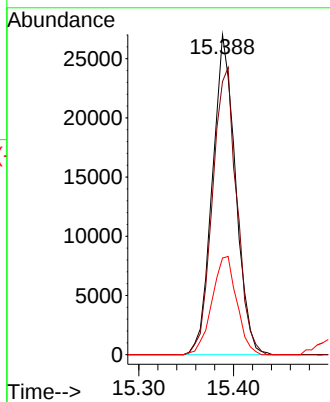
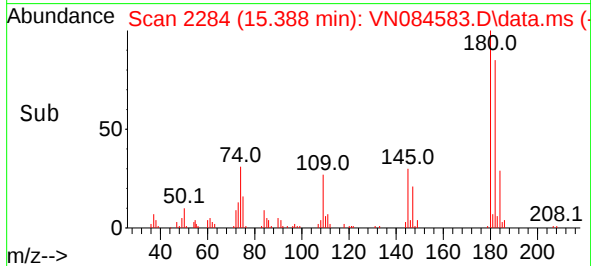


#93
1,2,4-Trichlorobenzene
Concen: 19.321 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10

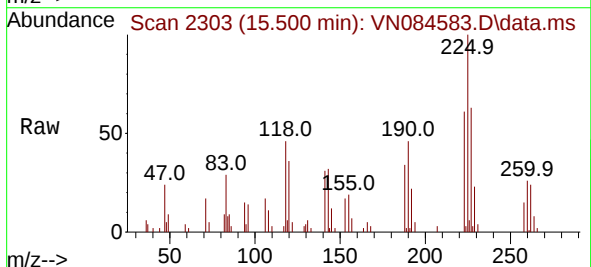
Instrument :
MSVOA_N
ClientSampleId :



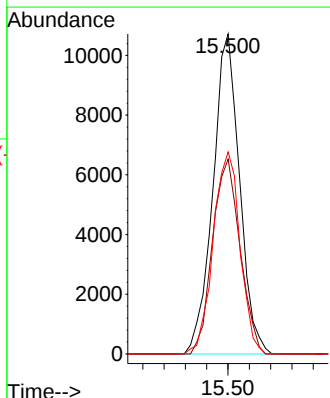
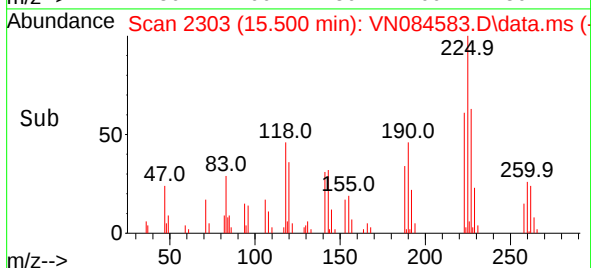
Tgt Ion:180 Resp: 45896
Ion Ratio Lower Upper
180 100
182 93.7 47.0 141.0
145 32.9 16.4 49.4

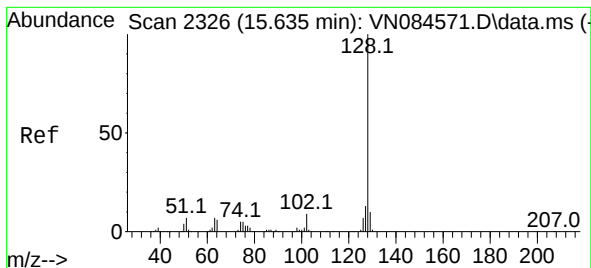


#94
Hexachlorobutadiene
Concen: 17.829 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084583.D
Acq: 30 Oct 2024 22:10



Tgt Ion:225 Resp: 18599
Ion Ratio Lower Upper
225 100
223 62.8 32.4 97.2
227 63.4 32.4 97.0





#95

Naphthalene

Concen: 21.313 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Instrument :

MSVOA_N

ClientSampleId :

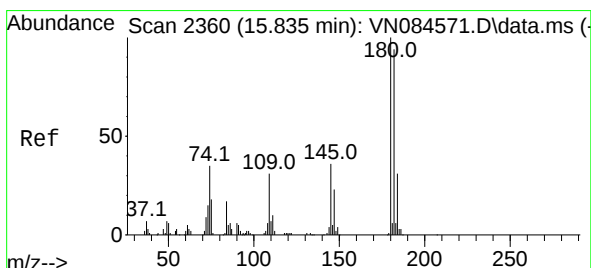
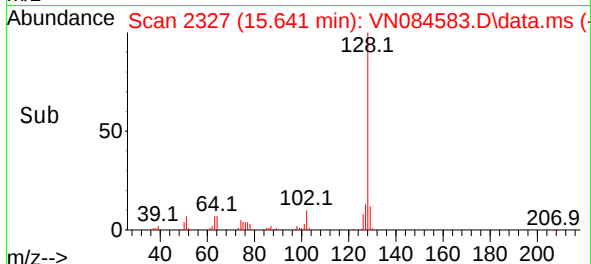
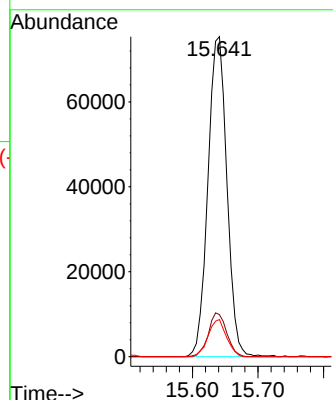
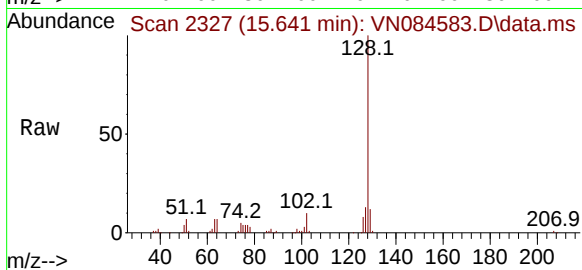
Tgt Ion:128 Resp: 151536

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.097 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084583.D

Acq: 30 Oct 2024 22:10

Tgt Ion:180 Resp: 46341

Ion Ratio Lower Upper

180 100

182 94.2 48.2 144.6

145 34.5 17.3 51.9

